The webinar will begin in:

0:00
0:30
1:00
1:30
2:00
2:30
3:00
Questions/concerns

patentscope@wipo.int
Today’s webinar

- What is PATENTSCOPE?
- What can I search?
- How can I search?
- Tools/info
- Q&A
Today’s webinar

- What is PATENTSCOPE?
- What can I search?
- How can I search?
- Tools/info

- Q&A
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Today’s webinar

- What is PATENTSCOPE?
- What can I search?
- How can I search?
- Tools/info

- Q&A
Content

1. All published PCT applications

   Data shared by national and regional offices:
   a. own data
   b. national phase entries

2. Non-patent literature
Help

PATENTSCOPE Simple Search

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Front Page

Search terms...

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All

Query Examples
Help

How to Search

- User's Guide
- Query Syntax
- Fields Definition
- IPC/EPC classification fields
- Wildcard vs Stemming
- Tutorials
- Tips And Tricks
- Practical exercises
- Webinars

PATENTSCOPE News

- Close to 5 Million new Non-Patent Literature Documents Now Available in PATENTSCOPE (Oct 18, 2023)
- The National Patent Collection of Monaco is Now Available in Patentscope (Oct 4, 2023)
- Improvement in the Download Options for PCT National Phase Entries in PATENTSCOPE (Sep 15, 2023)
- The Norwegian and Belgian national patent collections and the F-term & FI classifications are now available in PATENTSCOPE (Jul 12, 2023)
- Polish Now Available in WIPO Translate in PATENTSCOPE (Jun 15, 2023)

Latest Newsletter

- 23.10.2023 - (WIPO webinar) Overview of PATENTSCOPE webinar TOMORROW or Thursday
DATA COVERAGE

- PCT applications
- PCT national phase entry
- National collections
- Non-Patent Literature
- Global Dossier public
- Chemical documents
- Standard ST37 Authority Definition File
## National Collections - Data Coverage

### Offices for which PCT national phase information is available

**Updated: October 24, 2023**

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**PCT: 4,707,601**  
**Offices: 108,580,085**  
**Overall: 113,287,686**
# National Collections - Data Coverage

## Offices for which PCT national phase information is available

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DATA COVERAGE

- PCT applications
- PCT national phase entry
- National collections
- Non-Patent Literature
- Global Dossier public
- Chemical documents
- Standard ST37 Authority Definition File
## Non-Patent Literature - Data Coverage

**Updated: October 24, 2023**

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DATA COVERAGE

- PCT applications
- PCT national phase entry
- National collections
- Non-Patent Literature
- Global Dossier public
- Chemical documents
- Standard ST37 Authority Definition File
# PCT national phase entry information

Since July 1, 2017, designated Offices have been required to notify the International Bureau of information concerning international applications which enter the national phase at their Office.

Display of information in the National Phase tab of PATENTSCOPE for an office indicates that the applicant requested national phase processing for the application concerned in that office. The national entry date and national reference number are supplied by the national office concerned and can be used to retrieve further details from that office, if desired. Please note that absence of information for a given office does not necessarily indicate a non-entry in that office.

While the supply of information has improved since the requirement entered into force, further work needs to be done to improve the breadth and quality of the data and the timeliness of its transmission. The information is therefore updated at different frequencies, depending on the office.

More information on the [requirement and supply of national phase entries](#).

## Updated: October 24, 2023

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PCT publication 45/2022 (10.11.2022) is now available here. The next PCT publication 46/2022 is scheduled for 17.11.2022. More.

Check out the new PATENTSCOPE features: CPC, NPL, Families ...

Search Facility to Support COVID-19 Innovation Efforts.
发明名称：一种杆木光学检测装置

技术领域

本发明涉及一种杆木光学检测装置，具体为一种用于检测木杆材料的光学装置。

背景技术

传统的木杆检测方式主要依赖于人工检查，效率低下且精度不高。随着科技的发展，光学检测技术逐渐应用于木杆检测领域，但目前市场上尚未出现完全满足需求的光学检测装置。

发明内容

本发明的目的在于提供一种杆木光学检测装置，能够快速准确地检测木杆的材料特性，为后续加工提供可靠的数据支持。

发明目的

本发明的目的是提供一种杆木光学检测装置，该装置能够实现以下功能：

1. 检测木杆的密度、含水率等物理指标。
2. 检测木杆的缺陷，如腐朽、开裂等。
3. 检测木杆的表面质量，如弯曲度、粗糙度等。

技术方案

本发明的装置主要由光学传感器、数据处理单元和显示屏三部分组成。

光学传感器：采用高精度的红外光谱成像技术，能够实时获取木杆的光学图像。

数据处理单元：负责对光学传感器获取的数据进行处理，主要包括图像识别、特征提取等。

显示屏：用于显示检测结果，包括图像显示、数据列表等。

发明有益效果

本发明的杆木光学检测装置具有以下优点：

1. 高精度：采用先进的光学成像技术，能够准确地检测木杆的物理特性。
2. 高效率：自动化检测，大大提高检测效率。
3. 数据可靠：通过数据处理单元，确保检测数据的准确性。

具体实施方式

实施例1

在某木业公司，采用本发明的杆木光学检测装置对一批木杆进行检测。检测结果表明，该装置能够准确地检测木杆的密度、含水率等物理指标，同时能够发现木杆的缺陷，如腐朽、开裂等，为后续加工提供了可靠的数据支持。

实施例2

在某家具制造公司，使用本发明的杆木光学检测装置对一批木杆进行检测。检测结果显示，该装置不仅提高了检测效率，还能够精确地识别出木杆的表面质量，如弯曲度、粗糙度等，为家具制造提供了高质量的原材料。

结论

本发明的杆木光学检测装置具有高精度、高效率和数据可靠等优点，能够满足木业和家具制造行业的实际需求。
biomarker – cancer biomarker – “cancer biomarker”
biomarker NEAR cancer
biomarker NEAR cancer AND 2020
Field: English Abstract, Value: biomarker NEAR cancer
Field: Publication Date, Value: 2020
Search: Advanced search

- Unlimited number of search terms
- Boolean operators: AND, OR, NOT, ANDNOT
- Proximity: NEAR, BEFORE
- Range operators: […TO…], {…TO…}
- Wildcards: ?, *
- Weighting factor: ^
- Query assistant
EN_AB (biomarker NEAR cancer) AND DP:(2020) AND PA:paanopsy

Expand with related terms

- Offices
- All

- Languages
  - English

- Stemming
- Single Family Member
- Include NPL
1. **WO/2020/204674** METHOD FOR DIAGNOSING CANCER USING CFDNA
   
   
   A diagnosis method according to the present invention relates to a technique for concentrating and separating small cDNA from a liquid specimen such as urine, cerebrospinal fluid, plasma, blood, pleural fluid, or body fluid, and then detecting biomarkers, overexpressed in a specific cancer, with extreme sensitivity and without a PCR. A detection method according to one example of the present invention does not require a PCR amplification reaction, and thus can significantly reduce the time it takes to diagnose cancer. In addition, the method enables immediate on-site analysis, and can be used as point-of-care testing (POCT) that can simultaneously search a large number of genes in a short time.

2. **1020200117916** METHOD FOR DIAGNOSING Pancreatic CANCER USING CFDNA
   
   Int.Class C12Q 1/6866   App.Nr 1020200014243   Applicant: GENOPSY CO., LTD.   Inventor: CHO YOUNGMIN
   
   A diagnostic method of the present invention relates to a technology of concentrating and separating cDNA having a small size from a liquid sample such as urine, cerebrospinal fluid, plasma, blood, pleural fluid, or body fluid, and then detecting a biomarker overexpressed in specific cancer super-sensitively without PCR. A detection method according to an embodiment of the present invention can greatly reduce a time consumed to diagnose cancer as a PCR amplification reaction becomes unnecessary. In addition, the detecting method can be used as point-of-care testing (POCT) enabling direct analysis on the spot and simultaneous searching of multiple genes in a short time. COPYRIGHT KIP 2021

3. **1020200117917** METHOD FOR DIAGNOSING CANCER USING CFDNA
   
   Int.Class C12Q 1/6886   App.Nr 1020200014245   Applicant: GENOPSY CO., LTD.   Inventor: CHO YOUNGMIN
   
   A diagnostic method of the present invention relates to a technology of concentrating and separating cDNA having a small size from a liquid sample such as urine, cerebrospinal fluid, plasma, blood, pleural fluid, or body fluid, and then super-sensitively detecting a biomarker overexpressed in specific cancer without PCR. A detecting method according to an embodiment of the present invention can greatly reduce a time consumed to diagnose cancer as a PCR amplification reaction becomes unnecessary. In addition, the detecting method can be used as point-of-care testing (POCT) enabling direct analyses on the spot and simultaneous searching of multiple genes in a short time. COPYRIGHT KIP 2021

4. **1020200117911** METHOD FOR DIAGNOSING BLADDER CANCER USING CFDNA
   
   Int.Class C12Q 1/6886   App.Nr 1020200014227   Applicant: GENOPSY CO., LTD.   Inventor: CHO YOUNGMIN
   
   A diagnostic method of the present invention relates to a technology of concentrating and separating cDNA having a small size from a liquid sample such as urine, cerebrospinal fluid, plasma, blood, pleural fluid, or body fluid, and then super-sensitively detecting a biomarker overexpressed in specific cancer without PCR. A detecting method according to an embodiment of the present invention can greatly reduce a time consumed to diagnose cancer as a PCR amplification reaction becomes unnecessary. In addition, the detecting method can be used as point-of-care testing (POCT) enabling direct analyses on the spot and simultaneous searching of multiple genes in a short time. COPYRIGHT KIP 2021
**PATENTSCOPE Cross Lingual Expansion**

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The language of your query

**Use the Supervised mode to select the technical domains, the relevant variants, the languages to translate your query to and the fields to search by.**

- **Highest level** considers only the most relevant ones [less suggested variants]
- **Lowest level** considers the less relevant as well [more suggested variants]

**Search**
The utility model provides a multifunctional hair trimmer set capable of being used on the whole body. The multifunctional hair trimmer set comprises a trimmer body, a haircutting head and a shaving head. The haircutting head or the shaving head is installed at the upper end of the trimmer body in a replaceable mode. Connecting blocks are installed at the lower end of the haircutting head and the lower end of the shaving head. A connecting groove is formed in the upper end face of the trimmer body, a fixing assembly is arranged in the connecting groove, the connecting blocks are movably connected with the connecting groove, a fixing hole is formed in the connecting groove, and the fixing assembly is arranged in the fixing hole. The hair cutting head or the shaving head is provided with a fixing hole, the fixing assembly is matched with the fixing hole to fix the hair cutting head or the shaving head, the trimmer is provided with a limiting groove, an unlocking assembly is installed in the limiting groove, and the unlocking assembly acts on the fixing assembly and is used for disassembling the hair cutting head or the shaving head. The hairdressing head or the shaving head can be rapidly disassembled and assembled through the fixing assembly and the unlocking assembly, replacement is convenient, and the hairdressing and shaving effects are achieved.
WIPO FOR OFFICIAL USE ONLY
1. **Multifunctional Hair Trimmer Set Capable of Being Used on Whole Body**

*Int.Class:* B28B 19/08  
*App.No:* 202122736009.9  
*Applicant:* SHENZHEN YN SCIENCE AND TECHNOLOGY CO., LTD  
*Inventor:* LIANG YIDAO

The utility model provides a multifunctional hair trimmer set capable of being used on the whole body. The multifunctional hair trimmer set comprises a trimmer body, a haircutting head and a shaving head. The haircutting head or the shaving head is installed at the upper end of the trimmer body in a replaceable mode, connecting blocks are installed at the lower end of the haircutting head and the lower end of the shaving head, a connecting groove is formed in the upper end face of the trimmer body, a fixing assembly is arranged in the connecting groove, the connecting blocks are movably connected with the connecting groove, a fixing hole is formed in the connecting groove, and the fixing assembly in the fixing hole. The hair cutting head or the shaving head is provided with a fixing hole, the fixing assembly is matched with the fixing hole to fix the hair cutting head or the shaving head, the trimmer is provided with a limiting groove, an unlocking assembly is installed in the limiting groove, and the unlocking assembly acts on the fixing assembly and is used for disassembling the hair cutting head or the shaving head. The hair dressing head or the shaving head can be rapidly disassembled and assembled through the fixing assembly and the unlocking assembly, replacement is convenient, and the hair dressing and hair cutting effects are achieved.

2. **Mobile Phone Shaver**

*Int.Class:* B28B 19/08  
*App.No:* 201020806099.5  
*Applicant:* 李志华  
*Inventor:* 李志华

The mobile phone shaver belongs to a communication tool, and mainly solves the problems that as the life rhythm is accelerated, for men, men's shaving is often forgotten, and bad influences are caused to personal images. An electric shaver head is arranged at one end of the mobile phone main body. A net cover covers the outer side of the electric shaver head. A working switch of the electric shaver head is arranged on the side face of the mobile phone main body. The electric shaver head: the working switch and a storage battery of the mobile phone main body are electrically connected. A protective cover is arranged on the side, provided with the display screen and the key, of the mobile phone main body. According to the present utility model, the practical functions of the mobile phone and the shaver are combined, and if the user forgets shaving, any idle time can be found for shaving, which is convenient and practical.

3. **Rotary Electric Shaver Head Assembly**

*Int.Class:* B28B 19/14  
*App.No:* 201020680455.8  
*Applicant:* 浙江光科电器有限公司  
*Inventor:* 范营光

The rotary electric shaver head assembly comprises a cutter head cover, a cutter assembly and a cutter head base for containing the cutter assembly, wherein a groove or a hole for discharging shaving residues is formed in the side face of the cutter head base, and the rotary electric shaver head assembly has the characteristic that the shaver head cover does not need to be opened, so that shaving residues can be automatically discharged.

4. **Dry Shaver**

*Int.Class:* B28B 19/12  
*App.No:* 200410104866.4  
*Applicant:* Matsushita Electric Works Ltd  
*Inventor:* Takashi Toshitake

A dry shaver with a swingable shaving head which is capable of following a user's skin smoothly while keeping an optimum pressing relation with the skin. The shaver includes a grip and a shaving head mounted on top of the grip. The shaving head has a cutting face on its top and has a pair of support points through which the shaving head is supported to the grip. A linkage mechanism is provided to couple the shaving head to the grip for allowing the shaving head to swing relative to the grip. The linkage mechanism includes a pair of cranks each connected at its one end and to each one of the support points and connected at the other end to each other and to one of the anchor points on the side of the grip. A frame projects on top of the grip in an overlapping relation with the shaving head to give the anchor points which are positioned upwardly of the support points with respect to a height axis of the grip for suspending the shaving head on top of the grip by the frame. Accordingly, the shaving head is enabled to swing only accompanied with a small vertical displacement of the cutting face from the skin, but with a sufficient angular displacement of the cranks about the anchor points, thereby keeping an optimum contacting pressure against the skin, yet swinging the shaving head smoothly to follow the skin.
CHEMICAL COMPOUNDS SEARCH

Search type
- Compound name

Type an accepted name, commercial name, CAS name, IUPAC name
aspirin

Options
- Search for scaffold
- Include enumerated Markush structures

Offices
- All

Actions
- Reset
- Show in editor
- Exact Structure Search
30. JP2009542797 - アスピリンの正荷電水溶性プロドラッグ

Note: Chemical compounds detected by automated procedures. Please check occurrences in the PDF document[s] for legal matters.
Description

Technical Field

Background Art
1. **002898928** PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

**Int.Class:** B61B 1/08 ⑦  **App.No:** 2018138489  **Applicant:** Inventor BASA Marine [FR]

**FIELD:** transportation. **SUBSTANCE:** invention relates to transportation by suspension ropeway. In particular, to transportation of people in cable cars. Transport installation of suspension ropeway [2] includes at least two cars [3–5], in each of which there is a detachable clamp for disconnection of car and connection of car to suspension ropeway [3]; at least one connecting device [17] of cars [3–5] with suspension ropeway [2]; and at least one bending support [23, 24, 40] of suspension ropeway [2]. At that, transport installation of suspension ropeway also contains detection facility [25–27] intended for detection of movement of the first car connected to suspension ropeway [2] through specified support [23, 24, 40], made with possibility to transfer at least one connection signal when movement is detected, and control means [20] of said connecting device [17] connected to detection means [26–27] and configured to transmit a command to connect at least one second car with suspension ropeway [2] when receiving said connection signal. **EFFECT:** electric power consumption of the suspension ropeway drive motor is reduced and, due to limitation of generated jerks, passenger comfort is provided. 16 cl, 5 dwg

2. **02184665** AERIAL TRAMWAY

**Int.Class:** B61C 7/02  **App.No:** 2000116162/28  **Applicant:** Juzhno-Rossipskij gorodobrannyy tsentr [Novocherkasskij politeknicheski institut]  **Inventor:** Khalifin M.N.

**FIELD:** road building; tramways. **SUBSTANCE:** proposed aerial tramway has carrying wire ropes system of shoes hinge-secured on line supports. Cars are installed on carrying wire ropes. Cars are moved under action of hauling wire (68). Aerial tramway has car motion stabilizer which includes hydraulic motor mechanically connected with shoe axle and hydraulic connected with control restrictor. Level of hinge-mounted on line support. Free end of lever is connected with control restrictor by kinematic toe. Lever is connected with line support by means of multiple-core spring to kill vibrations of lever. **EFFECT:** improved reliability of aerial tramway by adjusting torsional rigidity of shoes. 2 dwg

3. **009272872** OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF

**Int.Class:** B61B 1/08 ⑦  **App.No:** 2019118831  **Applicant:** Inventor MATIC, Miroslav [AT]

**FIELD:** transportation. **SUBSTANCE:** invention relates to aerial railway. Method of operating suspension ropeway system with at least two stations of aerial ropeway and with at least one carrying rope [13] located between stations of suspended aerial ropeway, at least one vehicle [15] of aerial ropeway is moved by means of at least one traction cable [14]. At that, by means of at least one measuring device, transport positions of said at least one vehicle [15] of aerial ropeway along motion section are determined, said transport positions of said at least one suspension ropeway vehicle [15] along said motion section are transmitted to a control unit and processed therein, as well as stored therein, and by means of location on said at least one support [12] suspension cableway device input into control unit is entered into a signal that on this support [12] suspension cableway is maintenance work, respectively, installation work. At that, by means of control unit at approach of cable car [15] of aerial ropeway to suspension rope [12] support drive for movement of said at least one vehicle [15] of aerial ropeway is adjusted in the sense that the suspension cableway vehicle [15] in the area of suspension [12] of the aerial ropeway with a speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. **EFFECT:** as a result, safety of ropeway, including safety of installation and repair works, is increased. 4 cl, 3 dwg
1. **0002889928** PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Inventor: BABA Mate (FR)

**FIELD:** transportation. **SUBSTANCE:** invention relates to transportation by suspension ropeway, in particular, to transportation of people in cable cars. Transport installation of suspension ropeway includes at least two cars, each of which has a detachable clamp for disconnection of car and connection of car to suspension ropeway. At least one connecting device of cars with suspension ropeway and at least one bending support. Transport installation of suspension ropeway also contains detection facility for detection of movement of the first car connected to suspension ropeway through specified support, with possibility to transfer at least one connection signal when movement is detected, and control means of said connecting device and detection means are configured to transmit a command to connect at least one second car with suspension ropeway when receiving said connection signal. **EFFECT:** electric power consumption of the suspension ropeway drive motor is reduced due to limitation of generated jerks, passenger comfort is provided.

2. **02184685** AERIAL TRAMWAY

Inventor: Khalit N.M.

**FIELD:** road building: tramways. **SUBSTANCE:** aerial tramway has carrying wire rope resting on shoes hinge-secured on line supports. Cars are installed on carrying wire rope. Cars are moved under action of hauling wire rope. Aerial tramway has car motion stabilizer which includes hydraulic motor mechanically connected with shoe axle and hydraulic control connected with control restrictor. Level is hinge-mounted on shoe support. Free end of lever is connected with control restrictor by kinematic tie. Lever is connected with line support by means of multiple-core spring to limit vibrations of lever. **EFFECT:** improved reliability of aerial tramway by adjusting tension of shoes on rope.

3. **0002723573** OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF

Inventor: MATIĆ, Milan (AT)

**FIELD:** transportation. **SUBSTANCE:** invention relates to aerial ropeway. Method of operating suspension ropeway system with at least two sections of aerial ropeway and with at least one carrying rope located between sections of suspended aerial ropeway, at least one vehicle of aerial ropeway is moved by means of at least one traction cable. At that, by means of at least one measuring device, transport positions of at least one vehicle of aerial ropeway along motion section are determined, said transport positions of said at least one vehicle of aerial ropeway are processed within control unit. Said vehicle is moved at speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. **EFFECT:** as a result, safety of ropeway, including safety of installation and repair works, is increased.
EN_AB ("cable car" OR "cableway" OR "cable wagon"—21 OR "rope car"—21 OR "rope wagon"—21) OR FR_AB ("téléphérique" OR "télécabine" OR "câble" OR "téléferique" OR "blondin" OR "téléphérage")
EN_AB ("cable car" OR "cableway" OR "cable wagon"-21 OR "rope car"-21 OR "rope wagon"-21) OR FR_AB ("téléphérique" OR "télécabine" OR "cable" OR "téléphérique" OR "blondin" OR "téléphérique")
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<td>PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY</td>
<td>invention relates to transportation by suspension ropeway, in particular, to transportation of people in cable cars. Transport installation of suspension ropeway includes at least two cars and connection to suspension ropeway [2]; at least one connecting device [17] of cars with suspension ropeway [2]; at least one bending support [23, 24, 40] of suspension ropeway [2]. At that, transport installation of suspension ropeway also contains detection facility [25-27] intended for detection of movement of the first car connected to suspension ropeway [2] through specified support [23, 24, 40], made with possibility to transfer at least one connection signal when movement is detected, and control means [20] of said connecting device [17] connected to detection means [25-27] and configured to transmit a command to connect at least one second car with suspension ropeway [2] when receiving said connection signal. EFFECT: electric power consumption of the suspension ropeway drive motor is reduced and, due to limitation of generated jerks, passenger comfort is provided. 18 cl, 5 dwg</td>
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<td>AERIAL TRAMWAY</td>
<td>proposed aerial tramway has carrying wire ropes resting of shoes hinge-secured on line supports. Cars are installed on carrying wire ropes. Cars are moved under action of hauling wire rope. Aerial tramway has car motion stabilizer which includes hydraulic connected with shoe axle and hydraulic connected with control restrictor. Level is hinge-mounted on line support. Free end of lever is connected with control restrictor by kinematic tie. Lever is connected with line support by means of multiple-core spring to kill vibrations of lever. EFFECT: improved reliability of aerial tramway by adjusting torsional rigidity of shoes. 2 dwg</td>
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<td>000273573</td>
<td>OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF</td>
<td>Method of operating suspension ropeway system with at least two stations of aerial ropeway and with at least one carrying rope located between stations of suspended aerial ropeway. At least one vehicle is moved by means of at least one traction cable. At that, by means of at least one measuring device, transport positions of said at least one vehicle and along motion section are determined, said transport positions of said at least one support suspension cableway device input into control unit is entered a signal that on this support suspension cableway is maintenance work, respectively, installation work. At that, by means of control unit at approach of cable car, aerial rope, support drive for movement of said at least one vehicle is adjusted in the sense that the suspension cableway vehicle in the area of suspension support [12] of the aerial ropeway with a speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. EFFECT: as a result, safety of ropeway, including safety of installation and repair works, is increased. 4 cl, 3 dwg</td>
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EN_AB ("cable car" OR "cableway" OR "cable wagon" = 21 OR "rope car" = 21 OR "rope wagon" = 21) OR FR_AB ("téléphérique" OR "télécabin" OR "cable" OR "téléphérique" OR "bloquent" OR "téléphérage")

1. **0002899928** PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY
   - Int.Class: B61B 1/02
   - Appl.No: 2015136486
   - Applicant: SAEAutoFrance (FR)
   - Inventor: BAGA Marie (FR)
   - Field: transportation. SUBSTANCE: invention relates to transportation by suspension ropeway, in particular, to transportation of people in cable cars. Transport installation of suspension ropeway includes at least two cars [3-5], in each of which there is a detachable clamp for disconnection of car and connection of car to suspension ropeway [2], at least one connecting device [17] of cars [3-5] with suspension ropeway [2], and at least one bending support [23, 24, 40] of suspension ropeway [2]. At that, transport installation of suspension ropeway also contains detection facility [25-27] intended for detection of movement of the first car connected to suspension ropeway through specified support [23, 24, 40], made with possibility to transfer at least one connection signal when movement is detected, and control means [24] of said connecting device. Connection means [26-27] are configured to transmit a command to connect at least one second car with suspension ropeway [2] when receiving said connection signal. EFFECT: electric power consumption of the suspension ropeway drive motor is reduced, and, due to limitation of generated jerks, passenger comfort is provided. 18 cl, 5 dwg

2. **028149455** AERIAL TRAMWAY
   - Int.Class: B81B 7/02
   - Appl.No: 20001154227
   - Applicant: Kazhino-Rossiiskij posudarstvennoj tehnikhiceskij universitet [Novoscharkasskij politekhnicheskij institut]
   - Inventor: KhalifTim N.N.
   - Field: road building: tramways. SUBSTANCE: proposed aerial tramway has carrying wire ropes resting of shoes hinge-secured on line supports. Cars are installed on carrying wire ropes. Cars are moved under action of hauling wire rope. Aerial tramway has car motion stabilizer which includes hydraulic motor mechanically connected with shoe axle and hydraulic connector with control restrictor. Level is hinge-mounted on line support. Free end of lever is connected with control restrictor by kinematic tie. Lever is connected with line support by means of multiple-core spring to kill vibrations of lever. EFFECT: improved reliability of aerial tramway by adjusting torsional rigidity of shoes. 2 dwg

3. **0002723573** OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF
   - Int.Class: B81B 1/02
   - Appl.No: 2018119831
   - Applicant: MATIC, Mихаил (AT)
   - Invention: transportation. SUBSTANCE: invention relates to aerial ropeway. Method of operating suspension ropeway system with at least two stations of aerial ropeway and with at least one carrying rope located between stations of suspended aerial ropeway, at least one vehicle of aerial ropeway is moved by means of at least one traction cable. At that, by means of at least one measuring device, transport positions of said at least one vehicle of aerial ropeway along motion section are determined, said transport positions of said at least one vehicle of suspension ropeway [15] along said traffic section are transmitted to a control unit and processed therein, as well as stored therein, and by means of the control unit, said support cableway device input into control unit is entered a signal that on this support [12] suspension cableway is maintenance work, respectively, installation work. At that, by means of control unit at approach of vehicle of aerial ropeway to suspension rope [12] support drive for movement of said at least one vehicle of aerial ropeway is adjusted in such a way that the suspension cableway vehicle [15] in the area of suspension [12] of the aerial ropeway with a speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. EFFECT: as a result, safety of ropeway, including safety of installation and repair works, is increased. 4 cl, 3 dwg
1. 0002998928 PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Title: PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Abstract: FIELD: transportation. SUBSTANCE: invention relates to transportation by suspension ropeway, in particular, to transportation of people in cantilever cars. Transport installation of suspension ropeway (1) includes at least two cars (3-5), in each of which there is a detachable clamp for disconnection of car and connection of car to suspension ropeway (2). In each of the cars, there is a clamp for connection of car on suspension ropeway (2).

2. 028184685 AERIAL TRAMWAY

Title: AERIAL TRAMWAY

Abstract: FIELD: roadbuilding, tramways. SUBSTANCE: proposed aerial tramway has carrying wires (20) of which each of the wires is secured on the supporting posts (11). The supporting posts (11) are designed in such a way that they ensure the required stability of the carrying wires (20).

3. 0002232679 OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Title: OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Abstract: FIELD: transportation. SUBSTANCE: invention relates to transportation by cableway. Method of operating cableway system with at least two cableway systems (1) includes at least one cableway system (1) located between stations of suspended aerial ropeway, at least one cableway system (1) is moved by means of at least one traction cable (14) at that, by means of the traction cable (14), it is moved by a drive motor (16).
1. 000289928 PLANT AND METHOD FOR TRANSPORTATION OVER SUSPENSION ROPEWAY

Int.Class: B61B 12/00  Applicant: Inventor: BABA Mateu (FR)

FIELD: transportation. SUBSTANCE: invention relates to transportation by suspension ropeway, in particular, to transportation of people in cable cars. Transport installation of suspension ropeway [2] includes at least two cars [3-5], in each of which there is a detachable clamp for disconnection of car and connection of car to suspension ropeway [2], at least one connecting device [17] of cars [3-5] with suspension ropeway [2], and at least one bending support [23, 24, 40] of suspension ropeway [2]. At that, transport installation of suspension ropeway also contains detection facility [25-27] intended for detection of movement of the first car connected to suspension ropeway [2] through specified support [23, 24, 40], made with possibility to transfer at least one connection signal when movement is detected, and control means [28] of said connecting device [17] connected to detection means [25-27] and configured to transmit a command to connect at least one second car with suspension ropeway [2] when receiving said connection signal. EFFECT: electric power consumption of the suspension ropeway drive motor is reduced, and, due to limitation of generated jerks, passenger comfort is provided. 1B cl, 5 dwg

2. 02184865 AERIAL TRAMWAY

Int.Class: B61B 7/02  Applicant: Juzhno-Rossijskij gosudarstvennyj tekhnicheskiy universitet [Novocherkasskij politehnicheskiy institut] Inventor: Khalif M N

FIELD: road building: tramways. SUBSTANCE: proposed aerial tramway has carrying wire ropes resting of shoes hinge-secured on line supports. Cars are installed on carrying wire ropes. Cars are moved under action of hauling wire rope. Aerial tramway has car motion stabilizer which includes hydraulic motor mechanically connected with shoe axle and hydraulic control with control restrictor. Lever is hinge-mounted on line support. Free end of lever is connected with control restrictor by kinematic tie. Lever is connected with line support by means of multipole-core spring to kill vibrations of lever. EFFECT: improved reliability of aerial tramway by adjusting torsional rigidity of shoes. 2 dwg

3. 000278357 OPERATING METHOD OF SUSPENDED CABLE RAILWAY SYSTEM AND SUSPENSION CABLEWAY SYSTEM FOR IMPLEMENTATION OF OPERATION METHOD THEREOF

Int.Class: B61B 12/00  Applicant: Inventor: Matic, Milos (AT)

FIELD: transportation. SUBSTANCE: invention relates to aerial ropeway. Method of operating suspension ropeway system with at least two stations of aerial ropeway and with at least one carrying rope [13] located between stations of suspended aerial ropeway, at least one vehicle [15] of aerial ropeway is moved by means of at least one traction cable [14]; at that, by means of at least one measuring device, transport positions of said at least one vehicle [15] of aerial ropeway along motion section are determined, said transport positions of said at least one support [12] suspension cableway device input into control unit is entered a signal that on this support [12] suspension cableway is maintenance work, respectively, installation work. At that, by means of control unit at approach of cable car [15] of aerial ropeway to suspension rope road [12] support drive for movement of said at least one vehicle [15] of aerial ropeway is adjusted in such the sense that the suspension cableway vehicle [15] in the area of suspension [12] of the aerial ropeway with a speed which is considerably reduced relative to the operating speed is moved, respectively, delayed. EFFECT: as a result, safety of ropeway, including safety of installation and repair works, is increased. 4 cl, 3 dwg
## ANALYSIS

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### Filters
- **Countries**
- **Applicants**
- **IPC code**
- **CPC code**
- **Publication Dates**
- **Kind code**
Today’s webinar

- What is PATENTSCOPE?
- What can I search?
- How can I search?
- Tools/info

- Q&A
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Tools
- WIPO Translate
- WIPO Pearl
- IPC Green Inventory
- Portal to patent registers

Field
Front Page

Search terms...

Query Examples

Offices
All
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Domain: [automatic detection]

Show concordances: 

Translate

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The present invention relates to a PVC plastisol composition comprising, at least one vinyl chloride polymer selected from polyvinyl chloride and a copolymer of vinyl chloride and one or more monomers; at least one plasticiser; at least one epoxy group; and at least one isocyanate resin blocked with cardanol. The PVC plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°C-200°C, and is unique in storage stability. Additionally, it provides excellent rheological properties with improved yield value and uscostly stability during application as compared to nonphenol blocked isocyanate PVC leather adhesion promoters.
The present invention relates to a PVC plastisol composition comprising: at least one vinyl chloride polymer selected from polynvinyl chloride and a copolymer of vinyl chloride and one or more monomers; at least one plasticizer; at least one epoxy resin; and at least one isocyanate resin blocked with cardanol. The PVC-plastisol composition of the present invention provides strong adhesion to surfaces of various metals or various metal undercoats by heat treatment for a short time at 100°C-200°C and is unique in storage stability. Additionally, it provides excellent...
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**SPRT / SPORTS FACILITIES**

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IPC Green Inventory
# IPC GREEN INVENTORY

The "IPC Green Inventory", developed by the IPC Committee of Experts, facilitates searches for patent information relating to Environmentally Sound Technologies (ESTs), as listed by the United Nations Framework Convention on Climate Change (UNFCCC). ESTs are currently scattered widely across the IPC in numerous technical fields. The inventory attempts to collect them in one place.

For more information about how to use the IPC Green Inventory please click [here](#).

The inventory does not purport to be fully exhaustive in its coverage.

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Opening 2020.zip

You have chosen to open:

- **2020.zip**
  - which is: Compressed (zipped) Folder (463 KB)

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- [ ] Save File
- [ ] Do this automatically for files like this from now on.

[OK] [Cancel]
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- Query Syntax
- Fields Definition
- IPC/CPC classification fields
- Wildcard vs Stemming
- Tutorials
- Tips And Tricks
- Practical exercises
- Webinars

PATENTSCOPE News

- Close to 5 Million new Non-Patent Literature Documents Now Available in PATENTSCOPE (Oct 18, 2023)
- The National Patent Collection of Monaco is Now Available in PATENTSCOPE (Oct 4, 2023)
- Improvement in the Download Options for PCT National Phase Entries in PATENTSCOPE (Sep 15, 2023)
- The Norwegian and Belgian national patent collections and the F-term & FI classifications are now available in PATENTSCOPE (Jul 12, 2023)
- Polish Now Available in WIPO Translate in PATENTSCOPE (Jun 15, 2023)

Latest Newsletter

23.10.2023 - [WIPO webinar] Overview of PATENTSCOPE webinar TOMORROW or Thursday
Opening hours

- 1pm – 5pm CET on Mondays
Practical exercises online
PATENTSCOPE PRACTICAL EXERCISES

This query EN_AB: (electri* OR electrica* OR electrici* OR support* OR stand* OR carry* OR foundat* OR electron*) cannot be run in PATENTSCOPE why?

- The use of the operator OR is incorrect
- The use of the parentheses is incorrect
- There are too many wildcards

Which query will return results for the search term solar or the combination of search terms wind/turbine in the English description?

- EN_DE: (solar OR (wind AND turbine))
- EN_DE: (solar OR (wind AND turbine))
- EN_DE: (solar OR ((wind AND turbine)))
6. Which query will return the most relevant results for the object in the picture below?

A month NEAR protection
5 month AND protection

7. Documents about what type of ovens will not be included in the result list with the query below:

b. Retrival documents in Japanese
b. Search information in all the parts of Chinese documents
b. Look for a precise IPC code
b. Look for an applicant
b. Retrieve information in the Spanish claims
b. Search for all the information related to national phase entry data?
b. Search information in the text in French
b. Retrieve kind codes

8. What is the difference between:
   a. The field IC and the field IC_EXP
   b. The field EN_NL and the field EN_ALL TEXT
   c. The columns (highlighted in yellow) below Countries and Offices in the Analysis:

**Solutions**

I. OPERATIONAL EXERCISES

1. A query with the operator OR will return documents having the keyword tennis or the keyword ball or both keywords.
2. AND, OR, ANDNOT, NOT, BEFORE, NEAR.
3. Query 4 will return documents having both keywords skates and bicycle with no more than 8 words between them and query 5 will return documents having the keywords skating before bicycle with no more than 9 words between the 2 keywords. In query 6 the order of words is taken into account whereas in query 7 the order is not important.
4. Use a colon for an exact term or phrase, use quotation marks.
5. The operator NEAR will make sure that the 2 keywords are close to each other in the result list. If is set to 2, they appear within 2 words. The default maximum number of words is 5, the equivalent of NEAR5.
6. Query 4 can be the operator NEAR makes sure that the 2 keywords appear close to each other, in this case no more than 4 words is between the 2 keywords.
7. Documents about microwave ovens will not be included.

II. FIELD EXERCISES

1. a. Retrieve documents in Japanese
b. Search information in all the parts of Chinese documents
b. Look for a precise IPC code
b. Look for an applicant
b. Retrieve information in the Spanish claims
b. Search for all the information related to national phase entry data?
b. Search information in the text in French
b. Retrieve kind codes
b. Retrieve kind codes: EUT

2. a. The field IC and the field IC_EXP
   IC = International Patent Classification including int-grp desp.
   IC_EXP = Specific International Patent Classification
b. The field NL and the field NL_ALL
   NL_ALL = English not
   NL = English
   NL_ALL_TEX = English text
   NL = English all parts of the document such as description, claim, abstract.
   IC = International Patent Classification including int-grp desp.
   IC_EXP = Specific International Patent Classification
b. The solution Countries and Offices in the Analysis in the result list
   Countries = national to Patents
   Offices = national to Patents
   Office = national to Patents
   Office = national to Patents
   Office = national to Patents

https://www.wipo.int/patentscope/en/
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Global Brand Database, Global Design Database

Webinars:
