

SECTION G – PHYSICS

<u>INSTRUMENTS</u>	
G01 MEASURING; TESTING. Error! Bookmark not defined.	G02C Spectacles; Sunglasses or goggles insofar as they have the same features as spectacles Error! Bookmark not defined.
G01B Measuring length, thickness, or similar linear dimensions; Measuring angles; Measuring areas; Measuring irregularities of surfaces or contours Error! Bookmark not defined.	G02F Devices or arrangements, the optical operation of which is modified by changing the optical properties of the medium of the devices or arrangements for the control of the intensity, colour, phase, polarisation or direction of light, e.g. switching, gating, modulating or demodulating; Techniques or procedures for the operation thereof; Frequency-changing; Non-linear optics; Optical logic elements; Optical analogue/digital converters Error! Bookmark not defined.
G01C Measuring distances, levels or bearings; Surveying; Navigation; Gyroscopic instruments; Photogrammetry or videogrammetry Error! Bookmark not defined.	G03 PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY; HOLOGRAPHY Error! Bookmark not c
G01D Measuring not specially adapted for a specific variable; Arrangements for measuring two or more variables not covered by a single other subclass; Tariff metering apparatus; Measuring or testing not otherwise provided for Error! Bookmark not defined.	G03B Apparatus or arrangements for taking photographs or for projecting or viewing them; Apparatus or arrangements employing analogous techniques using waves other than optical waves; Accessories therefor Error! Bookmark not defined.
G01F Measuring volume, volume flow, mass flow, or liquid level; Metering by volume Error! Bookmark not defined.	G03C Photosensitive materials for photographic purposes; Photographic processes, e.g. cine, x-ray, colour, stereo-photographic processes; Auxiliary processes in photography . Error! Bookmark not defined.
G01G Weighing..... Error! Bookmark not defined.	G03D Apparatus for processing exposed photographic materials; Accessories therefor Error! Bookmark not defined.
G01H Measurement of mechanical vibrations or ultrasonic, sonic or infrasonic waves Error! Bookmark not defined.	G03E Photomechanical production of textured or patterned surfaces, e.g. for printing, for processing of semiconductor devices; Materials therefor; Originals therefor; Apparatus specially adapted therefor Error! Bookmark not defined.
G01J Measurement of intensity, velocity, spectral content, polarisation, phase or pulse characteristics of infra-red, visible or ultra-violet light; Colorimetry; Radiation pyrometry Error! Bookmark not defined.	G03G Electrophotography; Electrophotography; Magnetography Error! Bookmark not defined.
G01K Measuring temperature; Measuring quantity of heat; Thermally-sensitive elements not otherwise provided for Error! Bookmark not defined.	G03H Holographic processes or apparatus Error! Bookmark not defined.
G01L Measuring force, stress, torque, work, mechanical power, mechanical efficiency, or fluid pressure Error! Bookmark not defined.	G04 HOROLOGYError! Bookmark not defined.
G01M Testing static or dynamic balance of machines or structures; Testing structures or apparatus not otherwise provided for Error! Bookmark not defined.	G04B Mechanically-driven clocks or watches; Mechanical parts of clocks or watches in general; Time-pieces using the position of the sun, moon, or stars Error! Bookmark not defined.
G01N Investigating or analysing materials by determining their chemical or physical properties Error! Bookmark not defined.	G04C Electromechanical clocks or watches Error! Bookmark not defined.
G01P Measuring linear or angular speed, acceleration, deceleration, or shock; Indicating presence, absence, or direction, of movement Error! Bookmark not defined.	G04D Apparatus or tools specially designed for making or maintaining clocks or watches Error! Bookmark not defined.
G01R Measuring electric variables; Measuring magnetic variables..... Error! Bookmark not defined.	G04F Time-interval measuring... Error! Bookmark not defined.
G01S Radio direction-finding; Radio navigation; Determining distance or velocity by use of radio waves; Locating or presence-detecting by use of the reflection or reradiation of radio waves; Analogous arrangements using other waves Error! Bookmark not defined.	G04G Electronic time-pieces Error! Bookmark not defined.
G01T Measurement of nuclear or x-radiation Error! Bookmark not defined.	
G01V Geophysics; Gravitational measurements; Detecting masses or objects; Tags Error! Bookmark not defined.	
G01W Meteorology Error! Bookmark not defined.	
G02 OPTICS Error! Bookmark not defined.	
G02B Optical elements, systems, or apparatus Error! Bookmark not defined.	

G05	CONTROLLING; REGULATING Error! Bookmark not defined.	G08G	Traffic control systems..... Error! Bookmark not defined.
G05B	Control or regulating systems in general; Functional elements of such systems; Monitoring or testing arrangements for such systems or elements Error! Bookmark not defined.	G09	EDUCATING; CRYPTOGRAPHY; DISPLAY; ADVERTISING; SEALS ... Error! Bookmark not defined.
G05D	Systems for controlling or regulating non-electric variables Error! Bookmark not defined.	G09B	Educational or demonstration appliances; Appliances for teaching, or communicating with, the blind, deaf or mute; Models; Planetaria; Globes; Maps; Diagrams.. Error! Bookmark not defined.
G05F	Systems for regulating electric or magnetic variables Error! Bookmark not defined.	G09C	Ciphering or deciphering apparatus for cryptographic or other purposes involving the need for secrecy Error! Bookmark not defined.
G05G	Control devices or systems insofar as characterised by mechanical features only Error! Bookmark not defined.	G09D	Railway or like time or fare tables; Perpetual calendars Error! Bookmark not defined.
G06	COMPUTING; CALCULATING; COUNTING Error! Bookmark not defined.	G09F	Displaying; Advertising; Signs; Labels or name-plates; Seals Error! Bookmark not defined.
G06C	Digital computers in which all the computation is effected mechanically Error! Bookmark not defined.	G09G	Arrangements or circuits for control of indicating devices using static means to present variable information Error! Bookmark not defined.
G06D	Digital fluid-pressure computing devices Error! Bookmark not defined.	G10	MUSICAL INSTRUMENTS; ACOUSTICS Error! Bookmark not defined.
G06E	Optical computing devices Error! Bookmark not defined.	G10B	Organs; Harmoniums Error! Bookmark not defined.
G06F	Electric digital data processing Error! Bookmark not defined.	G10C	Pianos..... Error! Bookmark not defined.
G06G	Analogue computers Error! Bookmark not defined.	G10D	Musical instruments not otherwise provided for Error! Bookmark not defined.
G06J	Hybrid computing arrangements Error! Bookmark not defined.	G10F	Automatic musical instruments Error! Bookmark not defined.
G06K	Recognition of data; Presentation of data; Record carriers; Handling record carriers Error! Bookmark not defined.	G10G	Aids for music Error! Bookmark not defined.
G06M	Counting mechanisms; Counting of objects not otherwise provided for Error! Bookmark not defined.	G10H	Electrophonic musical instruments Error! Bookmark not defined.
G06N	Computer systems based on specific computational models..... Error! Bookmark not defined.	G10K	Sound-producing devices; Acoustics not otherwise provided for Error! Bookmark not defined.
G06Q	Data processing systems or methods, specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes; Systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes, not otherwise provided for..... Error! Bookmark not defined.	G10L	Speech analysis or synthesis; Speech recognition Error! Bookmark not defined.
G06T	Image data processing or generation, in general Error! Bookmark not defined.	G11	INFORMATION STORAGE Error! Bookmark not defined.
G07	CHECKING-DEVICES Error! Bookmark not defined.	G11B	Information storage based on relative movement between record carrier and transducer Error! Bookmark not defined.
G07B	Ticket-issuing apparatus; Fare-registering apparatus; Franking apparatus Error! Bookmark not defined.	G11C	Static stores..... Error! Bookmark not defined.
G07C	Time or attendance registers; Registering or indicating the working of machines; Generating random numbers; Voting or lottery apparatus; Arrangements, systems, or apparatus for checking not provided for elsewhere Error! Bookmark not defined.	G12	INSTRUMENT DETAILS Error! Bookmark not defined.
G07D	Sorting, testing, changing, delivering, or otherwise handling coins; Testing or changing paper currency; Testing securities, bonds, or similar valuable papers..... Error! Bookmark not defined.	G12B	Details of instruments, or comparable details of other apparatus, not otherwise provided for Error! Bookmark not defined.
G07F	Coin-freed or like apparatus Error! Bookmark not defined.	NUCLEONICS	
G07G	Registering the receipt of cash, valuables, or tokens Error! Bookmark not defined.		
G08	SIGNALLING Error! Bookmark not defined.	G21	NUCLEAR PHYSICS; NUCLEAR ENGINEERING Error! Bookmark not defined.
G08B	Signalling or calling systems; Order telegraphs; Alarm systems..... Error! Bookmark not defined.	G21B	Fusion reactors Error! Bookmark not defined.
G08C	Transmission systems for measured values, control or similar signals..... Error! Bookmark not defined.	G21C	Nuclear reactors..... Error! Bookmark not defined.
		G21D	Nuclear power plant Error! Bookmark not defined.
		G21F	Protection against x-radiation, gamma radiation, corpuscular radiation or particle bombardment; Treating radioactively contaminated material; Decontamination arrangements therefor Error! Bookmark not defined.

G21G	Conversion of chemical elements; Radioactive sources Error! Bookmark not defined.	G99	SUBJECT MATTER NOT OTHERWISE PROVIDED FOR IN THIS SECTION Error! Bookmark not de
G21H	Obtaining energy from radioactive sources; Applications of radiation from radioactive sources; Utilising cosmic radiation Error! Bookmark not defined.	G99Z	Subject matter not otherwise provided for in this section Error! Bookmark not defined.
G21J	Nuclear explosives; Applications thereof Error! Bookmark not defined.		
G21K	Techniques for handling particles or electromagnetic radiation not otherwise provided for; Irradiation devices; Gamma- or x-ray microscopes Error! Bookmark not defined.		