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How could patent-related statistics be improved to better serve (all) institutions and private sector needs

WIPO Conference on the Importance of Statistics

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September 17, 2003

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Introduction

- Introduction
- Basic Process Generating Statistics
- Strategy
 - Inventions vs Publications
 - Technological aspects
 - Business aspects
 - Trend
- Summary

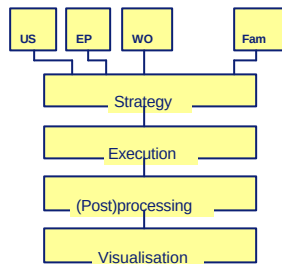
Intellectual Property & Standards

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Basic Process Generating Statistics



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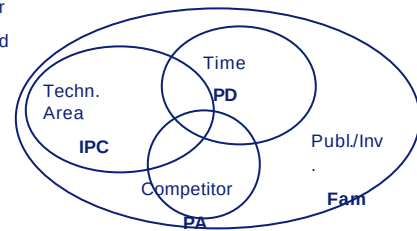
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Strategy

- Publications/Inventions
- Technological area
- Competitor
- Time/Trend



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Publications / Inventions

- Publications Authority US, EP, etc.
- Inventions Family definition(s)
Family definition

Document D1	Priority P1		
Document D2	Priority P1	Priority P2	
Document D3	Priority P1	Priority P2	
Document D4		Priority P2	Priority P3
Document D5			Priority P3

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Technical Area

IPC International Patent Classification

- Update: once in 5 year
- Changes in IPC are not retrospective
- Not specific
 - PCT publications 1 January - 1 July
 - PCT publications H04N and subdivisions

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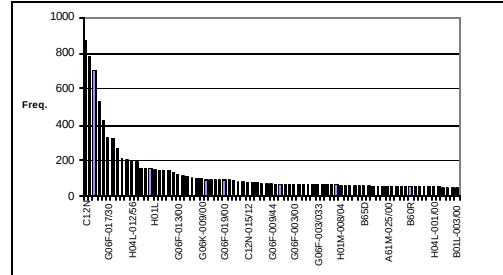
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Analysing a set of PCT publications published in the period 1 January - 1 July

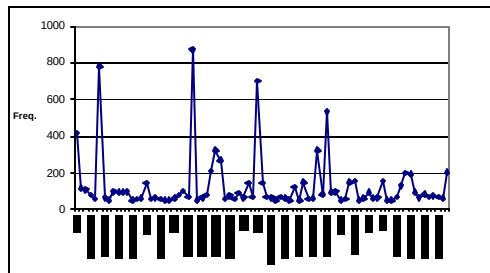
53.105 documents

- 179 documents are not classified
- 52.926 documents in 15.278 IPC classes
 - About 6000 documents in IPC subclasses (4 char.)
- 10% of the IPC groups contain the half of the documents

Number of WO publications / IPC class (Period 1 Januar - 1 July 2003 - sorted to number)



Number of WO publications/IPC class (Period 1 Januar - 1 July 2003 - sorted to alphabet)

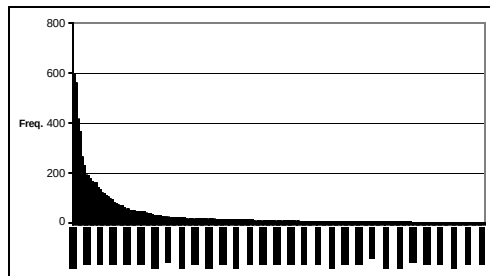


Analysing a set of PCT publications in Subclass H04N

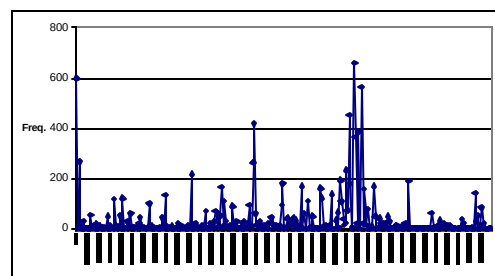
11.007 documents

- 11.007 documents in 332 IPC classes
- 598 documents have Subclass code H04N
- 10% of the IPC groups contain ca. 65 % of the documents

Number of WO publications / IPC class (H04N - sorted to number)



Number of WO publications/IPC class (H04N - sorted to alphabet)



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Company / Competitor information

Patent Assignee information

• Available

spelling / variations
inventor(s)
merger

• Not available

US applications

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Trend / Time Information

Publication date

• EP, WO

18 months after filing

• US Granted

several years

Application date of 216 US granted published in June 2003

Appl. date (years)	Percentage
0-1	0%
1-2	15%
2-3	18%
3-4	28%
4-5	30%
5-6	12%
6-7	2%
>7	0%

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