



Electronic Data Carriers New Developments

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WIPO SCIT Plenary Session, Feb. 1999





- New CD-ROM Data Format
- Use of DVD for EPO Publication





Previous Data Format of EPO CD-ROM series

- One image file per page of a document
 - TIFF CCITT Group 4 images with extended header information (BACON)
 - bibliographic data in proprietary format
- user interface software PATSOFT



New Data Format of EPO CD-ROM series

- Full mixed-mode format
 - document data encoded SGML
 - drawings as TIFF images
 - printed original as PDF file
- advantages
 - much less storage capacity needed
 - full text of document searchable



New Data Format of EPO CD-ROM series

- Partial mixed-mode format
 - front page data as coded SGML
 - other pages as embedded TIFF images
- user interface software MIMOSA
 - Windows 95/98/NT
 - available at marginal cost for any patent information publisher
 - almost an “industrial standard”





New Data Format of EPO CD-ROM series

- Regular production
 - ESPACE© ACCESS-A and -B
 - ESPACE© FIRST
 - ESPACE© Bulletin
 - ESPACE© LEGAL



New Data Format of EPO CD-ROM series

- Under pilot production
 - ESPACE© EP-A and EP-B
- parallel production 2nd quarter of 1999
- regular production July 1999 onwards
- advantages
 - only 1 CD-ROM per week instead of 2
 - full text of documents searchable



Use of DVD Technology for EPO CD-ROM series

- Reduction of number of discs
 - ESPACE© ACCESS now needs 5 CD-ROMs, but only 1 DVD
 - ESPACE© WORLD now needs 4 CD-ROMs per week
- improvement of the handling for the end user
- reduced production and storage cost



Use of DVD Technology for EPO CD-ROM series

- DVD readers and jukeboxes now in comparable price range as conventional CD-ROM equipment
- regular production on DVD
 - ESPACE© ACCESS-A mid 1999
 - ESPACE© ACCESS-B 3rd quarter 1999
 - both on one DVD end of 1999



Use of DVD Technology for EPO CD-ROM series

- Test production on DVD
 - ESPACE© WORLD on 1 DVD March 1999
 - ESPACE© EP-A, EP-B and WORLD on one DVD end of 1999