

Title (en)

COLOR OFFICE PRINTER WITH A HIGH CAPACITY DIGITAL PAGE IMAGE STORE

Title (de)

BÜROFARBDRUCKER MIT AUFZEICHNUNG DIGITALER BILDSEITE MIT HOHER KAPAZITÄT

Title (fr)

IMPRIMANTE COULEUR DE BUREAU AYANT UN STOCKAGE D'IMAGE DE PAGE NUMERIQUE D'UNE GRANDE CAPACITE

Publication

**EP 0769187 A3 19970924 (EN)**

Application

**EP 96912621 A 19960410**

Priority

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- US 9604817 W 19960410

Abstract (en)

[origin: WO9632725A2] A high speed color printer for use in an office environment, typically as a networked printer. The printer provides high speed (approximately 74 pages per minute: 37 double sided sheets per minute), high printing resolution (800 dpi) full color printer which incorporates electronic collation and local storage of 1,000 or more rasterized pages. The invention utilizes advances in high resolution pagewidth drop on demand print heads. Also incorporated is a new image compression and real-time expansion system for electronic collation and local document storage. The image resolution and compression quality is specified to achieve an image quality comparable with current magazine and brochure printing using color offset presses. A high speed color commercial printing system uses continuous roll media with a print speed of approximately 148 A4 pages per minute, electronic collation and local storage of 10,000 or more pages.

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IPC 8 full level

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CPC (source: EP)

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