

Title (en)

APPARATUS FOR CONTINUOUSLY PATTERNING A PHOTSENSITIVE TAPE BY PROJECTION PRINTING

Publication

EP 0000286 B1 19820908 (EN)

Application

EP 78300105 A 19780629

Priority

US 81197177 A 19770630

Abstract (en)

[origin: ES471323A1] A method and an apparatus for continuously patterning a photosensitive tape or foil wherein a master pattern and the tape or foil are synchronously coupled. An optical system comprising a plano-convex lens, a concave spherical mirror, and a pair of right-angle prisms is optically-coupled between the master pattern and the tape or foil for projecting an image of the pattern onto the tape. The optical system is such that the movement of the image is in the same direction as the movement of the tape. The apparatus is such that patterning can take place through projecting an image on one or on both sides of the tape. Alternatively, projecting an image on one side of the tape and contact printing of a pattern on the other side of the tape is also made possible by the apparatus.

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IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- GB 1339550 A 19731205 - XEROX CORP
- DE 758260 C 19530824 - WALTER FRITZ DIPL-ING DR
- J. Optical Society of America, Vol 49, no 7, 1959, p713-716, Schaffert's Electrophotography

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DOCDB simple family (application)

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