

Title (en)

Apparatus for continuously patterning a photosensitive tape by projection printing.

Title (de)

Vorrichtung zum kontinuierlichen Aufbringen von Mustern auf ein photoempfindliches Band durch Projektions Kopieren.

Title (fr)

Appareil pour la formation continue d'images sur une bande photosensible au moyen d'une impression par projection.

Publication

**EP 0000286 A1 19790110 (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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**G03B 27/46**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [D] US 3562005 A 19710209 - DEANGELO MICHAEL ANTHONY, et al
- [A] US 3614224 A 19711019 - PORTMAN WARREN C
- [A] US 1598956 A 19260907 - CAPSTAFF JOHN G

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DOCDB simple family (application)

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