

Title (en)

Method and apparatus for imaging in printing machines

Title (de)

Verfahren und Einrichtung zum Bebildern in Druckmaschinen

Title (fr)

Méthode et dispositif pour former des images dans des machines d'impression

Publication

EP 1258350 A3 20050323 (DE)

Application

EP 02007602 A 20020404

Priority

DE 10123672 A 20010516

Abstract (en)

[origin: EP1258350A2] Process for imaging in printing machines with a plate cylinder or printing plate or sleeve on plate cylinder as image carrier comprises applying an ablatable coating to the carrier and ablation by a thermal imager to produce the motif dots by local limited burning under excess oxygen. Independent claims are also included for the following: (1) Printing machine with the image carrier provided with a thermally ablatable coating and associated thermal imager, in which the coating contains oxygen donor in homogeneous, microscopically fine distribution; (2) Printing machine with the image carrier provided with an ablatable coating and associated thermal imager, in which the imager is an oxygen probe for dot-accurate supply of oxygen at the actual action points.

IPC 1-7

B41C 1/10

IPC 8 full level

B41C 1/10 (2006.01)

CPC (source: EP)

B41C 1/1033 (2013.01); **B41C 1/1075** (2013.01); **B41P 2227/70** (2013.01)

Citation (search report)

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- [A] EP 0580393 A2 19940126 - PRESSTEK INC [US]
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- [A] US 6087069 A 20000711 - ELLIS ERNEST W [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1258350 A2 20021120; **EP 1258350 A3 20050323**; **EP 1258350 B1 20060322**; DE 10123672 A1 20021205; DE 10123672 B4 20061221; DE 50206107 D1 20060511

DOCDB simple family (application)

EP 02007602 A 20020404; DE 10123672 A 20010516; DE 50206107 T 20020404