

Title (en)

Printing plate with several functional layers

Title (de)

Druckform mit mehreren flächigen Funktionszonen

Title (fr)

Plaque d'impression avec plusieurs couches fonctionelles

Publication

EP 1563992 A3 20060111 (DE)

Application

EP 05100599 A 20050131

Priority

DE 102004007600 A 20040217

Abstract (en)

[origin: EP1563992A2] The construction-kit pressure mold (100) absorbs radiant energy (102). This energy is available for structuring the mold surface. It has at least one buffer zone (114), which is at least partly separated from the absorption zone (112). The buffer zone takes energy from the absorption zone and passes it on to the information zone (110).

IPC 8 full level

B41C 1/10 (2006.01); **G03F 7/004** (2006.01); **B41N 1/08** (2006.01); **B41N 1/14** (2006.01); **G03F 7/00** (2006.01)

CPC (source: EP US)

B41C 1/10 (2013.01 - EP US); **B41N 1/08** (2013.01 - EP US); **B41N 1/14** (2013.01 - EP US); **Y10T 428/24802** (2015.01 - EP US)

Citation (search report)

- [DX] US 2002139269 A1 20021003 - RIEPENHOFF MATTHIAS [CH], et al
- [XA] US 6040115 A 20000321 - BAILEY DAVID B [US], et al
- [XA] US 6045964 A 20000404 - ELLIS ERNEST W [US], et al
- [XA] EP 0580394 A2 19940126 - PRESSTEK INC [US]
- [X] US 5931097 A 19990803 - NEIFERT STEPHEN R [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1563992 A2 20050817; **EP 1563992 A3 20060111**; **EP 1563992 B1 20160907**; CA 2496342 A1 20050817; CN 100500450 C 20090617; CN 1657313 A 20050824; DE 102004007600 A1 20050901; IL 166910 A 20070617; JP 2005231370 A 20050902; JP 4904003 B2 20120328; US 2005181187 A1 20050818; US 7704590 B2 20100427

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EP 05100599 A 20050131; CA 2496342 A 20050209; CN 200510009066 A 20050217; DE 102004007600 A 20040217; IL 16691005 A 20050215; JP 2005041071 A 20050217; US 5803905 A 20050215