

Title (en)

Apparatus and method for manufacturing an embossing die

Title (de)

Vorrichtung und Verfahren zur Herstellung einer Prägepatrize

Title (fr)

Appareil et méthode pour produire un poinçon de gaufrage

Publication

EP 1772289 A1 20070411 (DE)

Application

EP 05022059 A 20051010

Priority

EP 05022059 A 20051010

Abstract (en)

Die is formed from a die blank (38) made through pressing, i.e. embossing, it between a print toolpart (12) and second print toolpart (14) mounted on a die blank. Both toolparts have, on surface sections facing each other, several locating holes (28) in a pre-set hole arrangement on one hand and a matching recess arrangement on the other. Before the printing process at least part of the locating holes have suitably chosen print bodies (36) stuck on to them, which at least partly jut out from the holes. A power generation means to press the blank between the surface sections of the tool parts to make a die from the blank is also provided.

IPC 8 full level

B44B 5/00 (2006.01); **B41J 3/32** (2006.01); **B41M 3/16** (2006.01)

CPC (source: EP)

B41J 3/32 (2013.01); **B44B 5/0052** (2013.01)

Citation (search report)

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- [A] US 2002040646 A1 20020411 - KOZAKAI MASAHIRO [JP], et al
- [A] US 3598042 A 19710810 - BOYD HARRY S
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20 10 July 2001 (2001-07-10)

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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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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