

Title (en)
PRINTING DEVICE

Title (de)
DRUCKEINRICHTUNG

Title (fr)
DISPOSITIF D'IMPRESSION

Publication
EP 2167317 B1 20140917 (DE)

Application
EP 08757299 A 20080709

Priority
• CH 2008000307 W 20080709
• CH 11072007 A 20070709

Abstract (en)
[origin: WO2009006749A1] In a printing device with a printing forme for transferring a visually detectable information item onto a medium which is to be printed by means of a printing fluid, such as a printing ink, in which printing device a printing surface of the printing forme has a first structure which is intended to transfer the printing fluid in a predefined way to a printing substrate, and the first structure of which is provided here for transferring a first visually detectable information item onto the printing substrate, a possibility is to be provided, by which a substrate can be provided with a security element or a decorative element which is based on very small surface structures with the greatest possible flexibility in the colour selection, even independently of the embossability of said substrate. For this purpose, a second surface structure of the printing surface which is arranged in the region of the first structure is proposed, wherein the structuring of the second surface structure is smaller than the structuring of the first surface structure, and the second surface structure contains a detectable information item or a detectable information item can be produced with the second surface structure.

IPC 8 full level
B41F 9/00 (2006.01); **B41F 11/02** (2006.01); **B42D 15/00** (2006.01)

CPC (source: EP)
B41F 9/00 (2013.01); **B41F 11/02** (2013.01); **B42D 15/00** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009006749 A1 20090115; AU 2008274799 A1 20090115; EP 2167317 A1 20100331; EP 2167317 B1 20140917

DOCDB simple family (application)
CH 2008000307 W 20080709; AU 2008274799 A 20080709; EP 08757299 A 20080709