

Title (en)
Method of manufacturing an embossed metal plate with a three dimensional structure for producing documents using a hot-cold laminating press

Title (de)
Verfahren zur Herstellung eines Prägeblechs mit dreidimensionaler Struktur zur Herstellung von Dokumenten mittels Heiss-Kalt-Laminierpresse

Title (fr)
Procédé de fabrication d'une feuille métallique en relief avec une structure tridimensionnelle pour la fabrication de documents utilisant une presse de laminage chaude froide

Publication
EP 1629994 B1 20110608 (DE)

Application
EP 05017575 A 20050812

Priority
DE 102004041434 A 20040827

Abstract (en)
[origin: EP1629994A2] The stamping sheet (1) produces documents by means of lamination and/or surface stamping. The stamping process produces recessed structures (3, 7, 8, 9) and raised structures (4, 5, 10, 11) relative to a highly polished surface (6), which serves as a reference zone. The recessed structures are produced in other single-stage this truck during process, which does not affect the surface of stamping sheet not involved in the process.

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP3239362A1; WO2010000497A1; EP3029659A4; EP4397505A1; EP3296121A1; EP2289708A1; EP3513972A1; EP2848424A1; CN105579245A; RU2659953C2; EP2000325A3; CN112172315A; US8693101B2; DE102022002471A1; WO2012078221A1; WO2017041896A3; WO2008014952A3; WO2010000499A3; WO2015036070A1; WO2023016670A1

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