

Title (en)
Embossing stamp and hot embossing method

Title (de)
Prägestempel und Heißprägeverfahren

Title (fr)
Tampon de gaufrage et procédé de gaufrage à chaud

Publication
EP 2380746 B1 20131211 (DE)

Application
EP 11158305 A 20110315

Priority
DE 102010012734 A 20100324

Abstract (en)
[origin: EP2380746A2] The method involves heating rear side of an embossing stamp (1) at temperature, and arranging a hot embossing film between the embossing stamp and a substrate. The heated embossing stamp is pressed under pressure on the hot embossing film and the substrate, so that a transmission layer of the hot embossing film in a motif region is transferred to the substrate. The transmission layer of the hot embossing film is heated at temperature below embossing temperature at a region of a dry embossing insert (12) and is not transferred to the substrate. An independent claim is also included for an embossing stamp for transferring a transmission layer of a hot embossing film to a substrate.

IPC 8 full level
B44B 5/02 (2006.01); **B44C 1/17** (2006.01)

CPC (source: EP)
B44B 5/028 (2013.01); **B44C 1/1729** (2013.01)

Cited by
CN108944223A; CN115257159A; EP2660074A1; CN107921812A; RU2719139C2; US10870311B2; WO2016206926A1

Designated contracting state (EPC)
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