

Title (en)

Heat transfer film for decorating substrate surfaces and method for its production

Title (de)

Heißtransferfolie zur Dekoration von Substratoberflächen und Verfahren zu deren Herstellung

Title (fr)

Feuille de transfert à chaud destinée à la décoration de surfaces de substrats et son procédé de fabrication

Publication

EP 1970215 A3 20110511 (DE)

Application

EP 08150432 A 20080121

Priority

DE 102007010460 A 20070301

Abstract (en)

[origin: EP1970215A2] A base lacquer coating (3) combines with a carrier foil (2) and functions at the same time as a separating layer. A decorative layer (4) and a transfer layer (5) with a simultaneous adhesive function both consist of a water-based fixing agent applied as a polymer dispersion and one or more pigment concentrates mixed into a dispersion according to choice. An independent claim is also included for a method for producing a heat-transfer foil.

IPC 8 full level

B44C 1/17 (2006.01)

CPC (source: EP)

B41M 3/12 (2013.01); **B44C 1/172** (2013.01); **B44C 1/1729** (2013.01)

Citation (search report)

- [X] WO 9705200 A2 19970213 - MINNESOTA MINING & MFG [US]
- [X] WO 0020229 A1 20000413 - INT PLAYING CARD & LABEL COMPA [US]
- [X] US 2002025411 A1 20020228 - CHUNG SOOK HEE [KR]
- [A] US 5665475 A 19970909 - SUESSNER HUBERT [DE]
- [A] DE 10227430 A1 20040122 - KURZ LEONHARD FA [DE]

Cited by

EP2078618A3; CN117162685A; EP2078618A2; US10710388B2

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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