

Title (en)
Printable support for transferable decorations

Title (de)
Druckbarer Träger für transferierbare Dekorationen

Title (fr)
Support imprimable de décorations transférables

Publication
EP 2594410 A1 20130522 (EN)

Application
EP 12193021 A 20121116

Priority
IT PD20110361 A 20111118

Abstract (en)
Printable support for transferable decorations, which comprises a support layer (2), an intermediate layer (3) fixed on the support layer (2) and comprising a water repellent resin, and a substantially transparent protection layer (4), which is provided with a first face (A) removably adhering to the intermediate layer (3) and with a second face (B) intended to be printed with a decoration, and is susceptible of being transferred on a surface to be decorated (13). The protection layer (4) of the printable support (1) comprises at least one mixture of acrylic and polyurethane resins (5) with a dry weight percentage of acrylic resins ranging from 80% to 85% and with a dry weight percentage of polyurethane resins ranging from 12% to 16%, has an average thickness ranging from 20 to 30 μm , exhibits a tensile elongation at break (μR) of at least about 45% at room temperature, and is susceptible, at room temperature, of remaining intact and maintaining the deformation imparted thereto substantially unaltered when it is made to adhere on the surface to be decorated (13), for extensions of the same protection layer (4) up to approximately 15% with respect to its original size.

IPC 8 full level
B44C 1/17 (2006.01)

CPC (source: EP)
B44C 1/1733 (2013.01)

Citation (applicant)

- GB 1552232 A 19790912 - WATTS B G
- US 4228211 A 19801014 - HAAZEBROEK ARNOLD
- US 4322467 A 19820330 - HEIMBACH KIM P, et al
- US 3007829 A 19611107 - AKKERON LUDWIG F
- WO 2010119471 A2 20101021 - TODESCHINI DANILO [IT]

Citation (search report)

- [A] US 3007829 A 19611107 - AKKERON LUDWIG F
- [A] EP 0266094 A1 19880504 - MINNESOTA MINING & MFG [US]
- [A] US 5968624 A 19991019 - LIEBE JR ROBERT JAMES [US]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2594410 A1 20130522; EP 2594410 B1 20140604; IT PD20110361 A1 20130519; RU 2012148771 A 20140527

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