

Title (en)

DEVICE AND METHOD FOR LAMINATING A CARRIER LAYER WITH A DECORATIVE LAYER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM KASCHIEREN EINER TRÄGERSCHICHT MIT EINER DEKORSCHICHT

Title (fr)

DISPOSITIF ET PROCÉDÉ DE DOUBLAGE D'UNE COUCHE SUPPORT AVEC UNE COUCHE DÉCORATIVE

Publication

EP 2254744 A1 20101201 (DE)

Application

EP 09713327 A 20090219

Priority

- EP 2009001207 W 20090219
- DE 102008009762 A 20080219

Abstract (en)

[origin: WO2009103541A1] The invention relates to a method and a tool for laminating a carrier part with a decorative layer (16), which can be thermally deformed, in a tool (2; 3; 6; 13), wherein for the lamination, said decorative layer (16) is held pre-tensioned in a holding device or said tool (2; 3; 6; 13) and laid on a carrier layer (10), which lies on said tool (2; 3; 6; 13), wherein before placing said decorative layer (16) onto said carrier part (10), a shaping contour piece (15), which can be moved relative to said decorative layer (16), is brought into contact with the second side (21) of said preheated decorative layer (16) and deforms said decorative layer (16) in a section through a further relative movement of said decorative layer (16) to said holding device (17).

IPC 8 full level

B29C 51/16 (2006.01)

CPC (source: EP US)

B29C 51/08 (2013.01 - EP US); **B29C 51/165** (2013.01 - EP US); **B29C 51/46** (2013.01 - EP US); **B29C 2791/006** (2013.01 - EP US);
B29C 2791/007 (2013.01 - EP US); **Y10T 156/1028** (2015.01 - EP US)

Citation (search report)

See references of WO 2009103541A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008009762 A1 20090820; EP 2254744 A1 20101201; US 2011198021 A1 20110818; US 9302422 B2 20160405;
WO 2009103541 A1 20090827

DOCDB simple family (application)

DE 102008009762 A 20080219; EP 09713327 A 20090219; EP 2009001207 W 20090219; US 91814809 A 20090219