

Title (en)

MACHINE AND METHOD FOR FORMING A PLATE BY APPLYING A MANDREL

Title (de)

MASCHINE UND VERFAHREN ZUR HERSTELLUNG EINER PLATTE DURCH VERWENDUNG EINES DORNS

Title (fr)

MACHINE ET PROCEDE DE FORMATION D'UN PLATEAU PAR APPLICATION D'UN MANDRIN

Publication

EP 1725393 B1 20110406 (FR)

Application

EP 05717602 A 20050210

Priority

- FR 2005000305 W 20050210
- FR 0401280 A 20040210

Abstract (en)

[origin: FR2865961A1] The device has support rails (11) on a part of surface of a base panel, and a vertical jack to apply a mandrel (15) on the rails. A folding unit folds rectangular longitudinal lateral shutters and related flaps on the mandrel. Glue spreading and pressing units fix the folded shutters and flaps with each other. Lateral guide rails block a blank when the panel is applied on the support rails by the mandrel. An independent claim is also included for a method of forming a plate from a blank of sheet material.

IPC 8 full level

B31B 3/52 (2006.01); **B31B 3/28** (2006.01); **B31B 50/52** (2017.01)

CPC (source: EP US)

B31B 50/00 (2017.07 - EP); **B31B 50/30** (2017.07 - EP US); **B31B 50/28** (2017.07 - EP); **B31B 50/52** (2017.07 - EP); **B31B 50/622** (2017.07 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2865961 A1 20050812; FR 2865961 B1 20090206; AT E504428 T1 20110415; AU 2005211967 A1 20050825; AU 2005211967 B2 20110519; DE 602005027327 D1 20110519; EP 1725393 A2 20061129; EP 1725393 B1 20110406; ES 2364148 T3 20110825; NZ 549763 A 20100326; PL 1725393 T3 20120131; PT 1725393 E 20110704; WO 2005077647 A2 20050825; WO 2005077647 A3 20051124; ZA 200607536 B 20100630

DOCDB simple family (application)

FR 0401280 A 20040210; AT 05717602 T 20050210; AU 2005211967 A 20050210; DE 602005027327 T 20050210; EP 05717602 A 20050210; ES 05717602 T 20050210; FR 2005000305 W 20050210; NZ 54976305 A 20050210; PL 05717602 T 20050210; PT 05717602 T 20050210; ZA 200607536 A 20050210