

Title (en)
Method for manufacturing a foldable panel

Title (de)
Verfahren zum Herstellen einer faltbaren Platte

Title (fr)
Procédé de fabrication d'un panneau pliable

Publication
EP 2020195 A3 20100505 (DE)

Application
EP 08013405 A 20080725

Priority
DE 102007035780 A 20070728

Abstract (en)
[origin: EP2020195A2] The panel has a pair of foldable connected plates (2, 4) made of timber material and a pair of adjacent side surfaces (6, 8) comprising a set of glue fibers (14) connected partial-laminarly with the side surfaces. The glue fibers are arranged continuously and are connected to a fabric. The glue fibers comprise a set of filaments that is coated by an adhesive. The adhesive is a hot melt based on polyamide or hardenable polyurethane. The filaments are interwoven and are arranged parallel to each other. Independent claims are also included for the following: (1) a method for manufacturing a foldable panel (2) a device for applying glue fibers on side edges of timber material-plate parts.

IPC 8 full level
A47B 96/20 (2006.01); **B27G 11/00** (2006.01); **B29C 65/50** (2006.01)

CPC (source: EP)
A47B 96/202 (2013.01); **B27G 11/00** (2013.01); **B27M 3/18** (2013.01)

Citation (search report)

- [XD] DE 19804787 A1 19990812 - ATEX WERKE GMBH & CO KG [DE]
- [XI] CH 563851 A5 19750715 - KUPER HEINRICH FA [DE]
- [A] DE 19910290 A1 19990916 - HETTINGA SIEBOLT [US]
- [AD] EP 0900892 A2 19990310 - KUNNEMEYER HORNITEX [DE]
- [A] EP 1044771 A2 20001018 - CRESWELL CHRISTOPHER [GB]
- [E] DE 102007044711 B3 20081127 - KUPER HEINRICH GMBH CO KG [DE]
- [A] FR 2844166 A1 20040312 - MEUBLES GENTE SA DES [FR]

Cited by
AT14834U1; WO2010130242A1

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)
EP 2020195 A2 20090204; **EP 2020195 A3 20100505**; **EP 2020195 B1 20140507**; DE 102007035780 A1 20090129;
DE 102007035780 B4 20090813; PL 2020195 T3 20141031

DOCDB simple family (application)
EP 08013405 A 20080725; DE 102007035780 A 20070728; PL 08013405 T 20080725