

Title (en)

METHOD FOR PRODUCING PANELS HAVING RECESSES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VERTIEFUNGEN AUFWEISENDEN PANEELN

Title (fr)

PROCÉDÉ DE FABRICATION DE PANNEAUX COMPORTANT DES ÉVIDEMENTS

Publication

EP 3294510 B1 20240424 (DE)

Application

EP 16719395 A 20160428

Priority

- DE 102015005864 A 20150511
- EP 2016059489 W 20160428

Abstract (en)

[origin: WO2016180643A1] A method is described and presented for producing panels (2), in particular flooring panels, comprising an upper usable surface (10) and locking profiles (17, 18) for mechanical locking of similar panels (2) to one another, wherein recesses (12) are provided on at least two edge regions of the usable surface (10) lying opposite one another, and wherein the recesses (12) of two similar panels (2) locked to one another form a mutual join (31). According to the invention, in order that panels with recesses provided in the edge regions of the usable surface can be produced easily, quickly, cost efficiently, and precisely, a half-form (1), which comprises a plurality of panel blanks (7) with at least two grooves (6) forming the recesses (11), is divided, in particular substantially parallel to the at least two grooves (6), into multiple half form parts (14), in particular multiple panel blanks (7); the type and/or position of at least one identification mark (16) of the half form parts (14), in particular the panel blanks (7), is detected; the half form parts (14), in particular the panel blank (7), and at least one processing tool (23, 27) of a processing device (24, 28) are aligned to one another according to the detected type and/or position of the at least one identification mark (16); and a locking profile (17, 18) is machined from the half form parts (14), in particular the panel blanks (7), by the processing device (24, 28) on at least one side of the half form parts (14), in particular the panel blanks (7), preferably on two opposite sides.

IPC 8 full level

B27M 3/04 (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP RU US)

B27M 3/04 (2013.01 - EP RU US); **E04F 15/02033** (2013.01 - EP US); **E04F 15/02038** (2013.01 - US); **E04F 15/045** (2013.01 - US); **E04F 15/102** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - US)

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

DOCDB simple family (publication)

WO 2016180643 A1 20161117; DE 102015005864 A1 20161117; EP 3294510 A1 20180321; EP 3294510 B1 20240424; EP 3294510 C0 20240424; RU 2671147 C1 20181029; US 10493653 B2 20191203; US 2018133922 A1 20180517

DOCDB simple family (application)

EP 2016059489 W 20160428; DE 102015005864 A 20150511; EP 16719395 A 20160428; RU 2017142781 A 20160428; US 201615572602 A 20160428