Title (en)
METHOD FOR MACHINING A LOCKING GROOVE INTO A GROOVE FLANK

Title (de)
VERFAHREN ZUM EINBRINGEN EINER VERRIEGELUNGSNUT IN EINE NUTFLANKE

Title (fr)
PROCEDE PERMETTANT DE MENAGER UNE RAINURE DE VERROUILLAGE DANS UN FLANC DE RAINURE

Publication
EP 1901895 A1 20080326 (DE)

Application
EP 06754125 A 20060603

Priority
- EP 2006005345 W 20060603
- DE 102005026157 A 20050606
- DE 102005026554 A 20050608

Abstract (en)
[origin: WO2006131289A1] The invention relates to a method for machining a locking groove (9) into a groove flank (5, 6) of a panel comprising an upper and a lower side, whereby the locking groove is provided in the part of the joint groove (4) surrounded by the groove flanks, whereby the locking groove is machined by means of a rotating milling tool (12), comprising a drive (14), a milling head (13), a transmission device (11) for the rotational movement and a mounting for the milling head. The milling has a free radius (r) at least on the mounting side due to the mounting and, during the machining of the locking groove, the milling head (13) has at least a significant proportion of the free radius (r) thereof, in particular, the entirety thereof located in the part of the joint groove surrounded by groove flanks.

IPC 8 full level
B27M 3/04 (2006.01); **B27F 1/02** (2006.01); **B27G 13/00** (2006.01)

CPC (source: EP US)
B27F 1/02 (2013.01 - EP US); **B27G 13/00** (2013.01 - EP US); **B27M 3/04** (2013.01 - EP US); **E04F 15/02038** (2013.01 - EP US); E04F 2201/0153 (2013.01 - EP US); Y10T 409/308232 (2015.01 - EP US)

Citation (search report)
See references of WO 2006131289A1

Cited by
CN106197214A

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006131289 A1 20061214; AT E439223 T1 20090815; DE 102005026554 A1 20061228; DE 102005026554 B4 20090610; DE 502006004525 D1 20090924; EP 1901895 A1 20080326; EP 1901895 B1 20090812; ES 2331810 T3 20100115; PL 1901895 T3 20100226; RU 2008100030 A 20090720; RU 2395389 C2 20100727; US 2010154935 A1 20100624; US 8464768 B2 20130618

DOCDB simple family (application)
EP 2006005345 W 20060603; AT 06754125 T 20060603; DE 102005026554 A 20050608; DE 502006004525 T 20060603; EP 06754125 A 20060603; ES 06754125 T 20060603; PL 06754125 T 20060603; RU 2008100030 A 20060603; US 92183906 A 20060603