

Title (en)

Wood patch with profiled bottom surface and wooden plate with groove and process for manufacturing a wood patch

Title (de)

Holzflücke mit umlaufend profilierten unteren Fläche und Holzplatte mit Nut und Verfahren zur Herstellung eines Holzflückens

Title (fr)

Élément de réparation du bois dotés d'une surface inférieure profilée et plaque de bois avec une rainure et procédé de fabrication de l'élément de réparation

Publication

EP 2374586 B1 20150729 (DE)

Application

EP 11002823 A 20110405

Priority

DE 102010014156 A 20100408

Abstract (en)

[origin: EP2374586A2] The wooden plate (P) has a groove that is provided with a rectangle opening (N1) and two opposite walls (N2), which are provided flat and parallel to each other. Two connected front walls (N3) are provided with cylindrical segments. Two front surfaces (F3) are provided as wood patch (F) of the cylindrical segments. The radius of the front surfaces is same as the radius of the front walls of the groove. Front width of the front surfaces is smaller than groove width (N5). Independent claims are also included for the following: (1) a milling tool for manufacturing a wood patch; (2) a method for manufacturing wood patches; and (3) a method for patching a defect in a wooden plate.

IPC 8 full level

B27G 1/00 (2006.01); **B27C 5/00** (2006.01); **B27M 3/08** (2006.01)

CPC (source: EP)

B27C 5/00 (2013.01); **B27G 1/00** (2013.01); **B27M 3/08** (2013.01)

Citation (examination)

US 1629595 A 19270524 - EARL STEGER MARVIN

Cited by

CN109049241A; CN108145819A; DE102012012706B4; DE102012012706A1

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)

EP 2374586 A2 20111012; EP 2374586 A3 20120502; EP 2374586 B1 20150729; DE 102010014156 A1 20111013

DOCDB simple family (application)

EP 11002823 A 20110405; DE 102010014156 A 20100408