

Title (en)

Wood patches with profiled bottom surfaces

Title (de)

Holzflücken mit umlaufend profilierten unteren Flächen

Title (fr)

Éléments de réparation du bois dotés de surfaces inférieures profilées

Publication

EP 2374586 A3 20120502 (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

B27C 5/00 (2006.01); **B27G 1/00** (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 (search report)

- [X1] US 2674770 A 19540413 - BENNETT ELBERT V, et al
- [XY] US 2649869 A 19530825 - BENNETT ELBERT V, et al
- [A] FR 632207 A 19280105
- [Y] DE 9014626 U1 19910117
- [A] US 3818960 A 19740625 - POZZI A

Cited by

DE102012012706B4; CN109049241A; CN108145819A; 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

Designated extension state (EPC)

BA ME

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