

Title (en)

Tool for working wood and its derivatives, and method to produce it

Title (de)

Werkzeug zur Bearbeitung von Holz und Holzwerkstoffen, sowie dessen Herstellungsverfahren

Title (fr)

Outil à usiner le bois et ses dérivés, et son procédé de fabrication

Publication

EP 1726416 A1 20061129 (EN)

Application

EP 06114172 A 20060518

Priority

IT UD20050083 A 20050520

Abstract (en)

Tool (10) for working wood or its derivatives, and relative method to produce it. The tool (10) comprises a support element (11) substantially cylindrical and provided peripherally with a plurality of radial housing seatings (12), each housing a cutting blade (15). Each cutting blade (15) comprises an inclined upper surface (29) defining a determinate cutting profile (30) with at least an upper rake angle (α_1, α_2), which is variable along the cutting profile (30) according to each nominal diameter (D1, D2) of the cutting blade (15), the recovery angle (μ) and the mordant angle ($\pm 2, \pm 2$) formed between the cutting blade (15) and a radius of the support element (11) passing through the cutting profile (30).

IPC 8 full level

B27G 13/12 (2006.01)

CPC (source: EP)

B27G 13/12 (2013.01)

Citation (search report)

- [XD] US 4541756 A 19850917 - KUBOTA MASAO [JP]
- [AD] EP 1418031 A2 20040512 - POZZO SPA [IT]

Cited by

RU2696971C2; DE202014003962U1

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)

EP 1726416 A1 20061129; EP 1726416 B1 20090708; EP 1726416 B8 20090819; AT E435728 T1 20090715; DE 602006007642 D1 20090820; ES 2329501 T3 20091126; IT UD20050083 A1 20061121; PL 1726416 T3 20091231

DOCDB simple family (application)

EP 06114172 A 20060518; AT 06114172 T 20060518; DE 602006007642 T 20060518; ES 06114172 T 20060518; IT UD20050083 A 20050520; PL 06114172 T 20060518