

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 ( $\alpha_1, \alpha_2$ ), which is variable along the cutting profile (30) according to each nominal diameter (D1, D2) of the cutting blade (15), the recovery angle ( $\mu$ ) 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

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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

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