

Title (en)
Device for sharpening blade edges

Title (de)
Vorrichtung zum Schärfen von Schneidkanten

Title (fr)
Dispositif pour affiler un tranchant de lame

Publication
EP 1716975 A1 20061102 (FR)

Application
EP 06356040 A 20060407

Priority
FR 0504176 A 20050426

Abstract (en)
The device has two pairs of curved rods (22A, 22B) sharpening two sides of an edge of a knife blade by rubbing against the respective sides. The lower end parts of the rods (22A, 22B) are integrated to shafts (26A, 26B) by over molding. The distal end parts (34A, 34B) of the shafts comprise a squared section complementary to central holes (36A, 36B) of wheels (38A, 38B). The shafts and the wheels permit to synchronize the relative displacements of the rods when the edge is rubbed against the rods.

IPC 8 full level
B24D 15/08 (2006.01)

CPC (source: EP)
B24D 15/081 (2013.01)

Citation (search report)

- [A] US 2004097179 A1 20040520 - COZZINI IVO [US]
- [A] US 4934110 A 19900619 - JURANITCH JOHN [US]
- [A] US 5440953 A 19950815 - GANGELHOFF FRED R [US], et al
- [A] US 2617235 A 19521111 - WALDEMAR LINDAHL HENNING

Cited by
EP2937179A1; FR3020299A1; WO2022015412A1

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)
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DE 602006000230 T2 20080918; FR 2884746 A1 20061027; FR 2884746 B1 20081219

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