

Title (en)
KNIFE SHARPENING DEVICE

Title (de)
MESSERSCHÄRFVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFUTAGE DE COUTEAU

Publication
EP 1713618 A1 20061025 (DE)

Application
EP 05700869 A 20050113

Priority
• EP 2005000252 W 20050113
• DE 102004006714 A 20040211

Abstract (en)
[origin: DE102004006714A1] The sharpening device has two rotating sharpening bars (11, 12) in a housing. The bars are inserted by one end in arc-shaped recesses (17, 18) in the front and rear walls of the housing. They are loaded towards each other by springs (13, 14). A knife guiding aperture (7) is formed by slots (8, 9) in the front and rear walls.

IPC 8 full level
B24D 15/08 (2006.01)

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

Cited by
DE202015006068U1; DE102008051405A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007224922 A1 20070927; US 7393266 B2 20080701; AT E367240 T1 20070815; CA 2554653 A1 20050901; CA 2554653 C 20120710; DE 102004006714 A1 20050825; DE 502005001058 D1 20070830; EP 1713618 A1 20061025; EP 1713618 B1 20070718; ES 2290878 T3 20080216; JP 2007521976 A 20070809; JP 4637119 B2 20110223; WO 2005080049 A1 20050901

DOCDB simple family (application)
US 58909305 A 20050113; AT 05700869 T 20050113; CA 2554653 A 20050113; DE 102004006714 A 20040211; DE 502005001058 T 20050113; EP 05700869 A 20050113; EP 2005000252 W 20050113; ES 05700869 T 20050113; JP 2006552481 A 20050113