

Title (en)
Hand-held grinding tool with replaceable grinding-plate part

Title (de)
Handschleifwerkzeug mit verstellbarem Schleifplattenteil

Title (fr)
Outil de ponçage à main avec pièce de plaque de ponçage remplaçable

Publication
EP 1488889 A3 20050525 (EN)

Application
EP 04012188 A 20040522

Priority
DK BA200300149 U 20030526

Abstract (en)
[origin: EP1488889A2] There is described a hand-held grinding tool (1,101,201) with a replaceable grinding-plate part (13,113,213), preferably consisting of a steel plate, where on a grinding surface there is applied an abrasive coating in the form of grains of hard metal, which is preferably secured by soldering. The hand tool further comprises a handling part and clamping means (8,10,14,125,208,214) for clamping the grinding-plate part to the handling part (2,202) in a replaceable manner. By being able to replace the grinding-plate part alone, considerable savings are achieved in the use of the tool, while at the same time the advantages of the use of grinding plates with hard metal grains are also achieved. <??>The grinding tool according to the invention is intended for grinding by hand, i.e. without a motor-driven movement of the grinding surface, and is preferably configured in a light construction of plastic, aluminium, wood or the like, and can be configured with or without a handgrip, and can be provided with an arrangement for the mounting of a shaft for grinding with the user standing upright. <IMAGE>

IPC 1-7
B24D 15/02

IPC 8 full level
B24D 15/02 (2006.01)

CPC (source: EP)
B24D 15/02 (2013.01)

Citation (search report)

- [X] US 4766701 A 19880830 - ROESTENBERG JEROME R [US]
- [X] DE 1090993 B 19601013 - HUDSON LESLIE GORDON
- [X] US 6227959 B1 20010508 - BEAUDRY DONALD W [US], et al
- [X] US 5954571 A 19990921 - CASE JAMES W [US]
- [XD] EP 1260317 A2 20021127 - SVEND JONNI NIELSEN [DK]

Cited by
US9649706B2; WO2007110075A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1488889 A2 20041222; EP 1488889 A3 20050525; DK 200300149 U3 20030627

DOCDB simple family (application)
EP 04012188 A 20040522; DK BA200300149 U 20030526