

Title (en)
Handtool for machining surfaces

Title (de)
Handwerkzeugmaschine zur Flächenbearbeitung

Title (fr)
Outil à main de surfaçage

Publication
EP 0710527 B1 20031022 (DE)

Application
EP 95118775 A 19940203

Priority
• DE 4303044 A 19930204
• EP 94101587 A 19940203

Abstract (en)
[origin: EP0710527A2] The grinding wheel (8) is carried in a front tool holder (9) with a triangular wheel base surface for retention of triangular grinding sheets with hook file fastening. The grinding wheel holder is dished and has a triangular base face, or contour, matching the base surface of the grinding wheel. Its outer edge abuts the grinding wheel. Pref. the tool holder is releasably coupled to the drive motor (3) on the side away from the grinding wheel via an eccentric stub (12) and carriers flexible swivel elements (12,18), securing the tool holder against co-rotation and loss on the machine housing (2).

IPC 1-7
B24B 23/04; **B24B 45/00**

IPC 8 full level
B24B 23/04 (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP US)
B24B 23/04 (2013.01 - EP US); **B24B 45/006** (2013.01 - EP US)

Cited by
US5743791A; USRE40345E; US5759094A; US6042460A; GB2312636A; GB2312636B; US6257969B1; US6179696B1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0710527 A2 19960508; **EP 0710527 A3 19960904**; **EP 0710527 B1 20031022**; DE 59400402 D1 19960814; US 5626510 A 19970506; US 5709595 A 19980120

DOCDB simple family (application)
EP 95118775 A 19940203; DE 59400402 T 19940203; US 19100294 A 19940203; US 77180396 A 19961220