

Title (en)
HAND TOOL

Publication
EP 0272209 B1 19911002 (DE)

Application
EP 87810682 A 19871120

Priority
DE 3642976 A 19861217

Abstract (en)
[origin: EP0272209A2] The hand tool has a toolholder (1) which is equipped with different tools for different uses, the tools requiring specific operating modes of the hand tool for the most efficient possible work. For this, the tools have different contours of their insertion shank (41). A feeler device consisting of at least one control element (16) and a slide (12) senses the particular contour and initiates a corresponding switching operation for obtaining the appropriate operating mode. <IMAGE>

IPC 1-7
B25F 3/00; B25F 5/00

IPC 8 full level
B25D 16/00 (2006.01); **B25D 17/08** (2006.01); **B25F 3/00** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP KR US)
B25D 16/006 (2013.01 - EP US); **B25D 17/00** (2013.01 - KR); **B25D 17/088** (2013.01 - EP US); **B25F 3/00** (2013.01 - EP US); **B25D 2217/0034** (2013.01 - EP US); **B25D 2217/0042** (2013.01 - EP US); **B25D 2217/0049** (2013.01 - EP US)

Cited by
AU2004203594B2; EP0297041A3; EP0655299A3; US5558478A; EP0468859A1; FR2665096A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0272209 A2 19880622; EP 0272209 A3 19890426; EP 0272209 B1 19911002; AT E67958 T1 19911015; AU 592483 B2 19900111; AU 8247387 A 19880623; CA 1304963 C 19920714; CN 1012806 B 19910612; CN 1030543 A 19890125; CS 8709148 A2 19910915; CZ 277970 B6 19930714; DE 3773471 D1 19911107; ES 2026199 T3 19920416; FI 875466 A0 19871214; FI 875466 A 19880618; JP S63162169 A 19880705; KR 880007180 A 19880826; MX 161461 A 19900928; US 4898250 A 19900206; YU 227687 A 19900630; YU 45478 B 19920528; ZA 879148 B 19880602

DOCDB simple family (application)
EP 87810682 A 19871120; AT 87810682 T 19871120; AU 8247387 A 19871211; CA 554487 A 19871216; CN 87107324 A 19871208; CS 914887 A 19871214; DE 3773471 T 19871120; ES 87810682 T 19871120; FI 875466 A 19871214; JP 31539487 A 19871215; KR 870014409 A 19871215; MX 978587 A 19871216; US 13451687 A 19871217; YU 227687 A 19871215; ZA 879148 A 19871204