

Title (en)
Handle

Title (de)
Handhabe

Title (fr)
Poignée

Publication
EP 1679411 A1 20060712 (DE)

Application
EP 04030365 A 20041221

Priority
EP 04030365 A 20041221

Abstract (en)
The handle has a grip part (1) having a case forming a cavity (3, 4). The cavity has a wadding (8), filled by squirting and or a casting process. The wadding (8) forms a face of the grip part for a case opening (6), such that from the case and stand out is formed and a pusher provided.

IPC 8 full level
E05B 1/00 (2006.01); **E05B 1/04** (2006.01)

CPC (source: EP)
E05B 1/00 (2013.01); **E05B 1/003** (2013.01); **E05B 1/04** (2013.01)

Citation (search report)

- [A] EP 0849421 A1 19980624 - GRIMBERG HANS EDELSTAHL [DE]
- [A] US 2003178427 A1 20030925 - CHOMIK RICHARD S [US]
- [A] WO 0174562 A1 20011011 - SNAP ON TECH INC [US]
- [A] EP 0974716 A2 20000126 - WILKE HEINRICH HEWI GMBH [DE]

Cited by
CN107983933A; CN105328166A; CN106703513A; CN108952318A; DE102009007536A1; EP2817522A4; CN105350826A; CN107313651A

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)
EP 1679411 A1 20060712; EP 1679411 B1 20070919; AT E373758 T1 20071015; DE 502004005048 D1 20071031; DK 1679411 T3 20080128; ES 2290611 T3 20080216; PL 1679411 T3 20080229; PT 1679411 E 20071126

DOCDB simple family (application)
EP 04030365 A 20041221; AT 04030365 T 20041221; DE 502004005048 T 20041221; DK 04030365 T 20041221; ES 04030365 T 20041221; PL 04030365 T 20041221; PT 04030365 T 20041221