

Title (en)
Fastener driving tool for fasteners

Title (de)
Setzwerkzeug für Befestigungselemente

Title (fr)
Outil de pose de moyens de fixation

Publication
EP 1162036 A3 20020911 (DE)

Application
EP 01810509 A 20010523

Priority
DE 10028012 A 20000606

Abstract (en)
[origin: EP1162036A2] The tool (2) has a conical outer shape(3) on the load-application side end of the plug's shaft (1) fitting into a conical recess (4). The conical recess and conical outer shape have a cone angle of ten degrees and are at least partly profiled.

IPC 1-7
B25B 31/00; **B25B 13/06**; **B25D 17/00**

IPC 8 full level
E21D 20/00 (2006.01); **B25B 13/06** (2006.01); **B25B 31/00** (2006.01)

CPC (source: EP)
B25B 13/065 (2013.01); **B25B 31/00** (2013.01)

Citation (search report)

- [X] DE 3232181 A1 19840301 - HILTI AG [LI]
- [X] EP 0395858 A1 19901107 - FISCHER ARTUR WERKE GMBH [DE]
- [X] DE 7621154 U1 19780420
- [DA] DE 7827600 U1 19790104

Cited by
EP3103591A1; US7954500B2; EP3135435A1; WO2017032642A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1162036 A2 20011212; **EP 1162036 A3 20020911**; **EP 1162036 B1 20090930**; AT E444142 T1 20091015; DE 10028012 A1 20011213; DE 50115127 D1 20091112; JP 2002030900 A 20020131; JP 4795566 B2 20111019

DOCDB simple family (application)
EP 01810509 A 20010523; AT 01810509 T 20010523; DE 10028012 A 20000606; DE 50115127 T 20010523; JP 2001169645 A 20010605