

Title (en)
Fastening tool

Title (de)
Schraubgerät

Title (fr)
Outil de vissage

Publication
EP 1170093 B1 20090311 (DE)

Application
EP 01810620 A 20010626

Priority
DE 10032949 A 20000706

Abstract (en)
[origin: EP1170093A2] A screwing appliance has a casing (1), a rotatable hollow spindle (3) in the casing with limited axial re locatable capability and a non-rotating screw-in spindle (5) opposite the hollow spindle also with limited axial re locatable capability that can be relocated in a screw-in direction by an impact material mass (15). A coupling (6) fits between a drive motor (2) and the rotatable hollow spindle.

IPC 8 full level
B25B 21/00 (2006.01); **B25B 21/02** (2006.01)

CPC (source: EP KR US)
B25B 21/00 (2013.01 - KR); **B25B 21/023** (2013.01 - EP US)

Cited by
EP2104593A4; CN104797357A; AU2013322656B2; WO2008085465A2; US10406586B2; WO2014049035A1; WO2020160782A1

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 1170093 A2 20020109; EP 1170093 A3 20021127; EP 1170093 B1 20090311; AT E424971 T1 20090315; DE 10032949 A1 20020117; DE 50114752 D1 20090423; ES 2320411 T3 20090522; JP 2002059372 A 20020226; JP 4785279 B2 20111005; KR 100719822 B1 20070518; KR 20020005412 A 20020117; MX PA01006629 A 20021023; TW 495420 B 20020721; US 2002002883 A1 20020110; US 6526852 B2 20030304

DOCDB simple family (application)
EP 01810620 A 20010626; AT 01810620 T 20010626; DE 10032949 A 20000706; DE 50114752 T 20010626; ES 01810620 T 20010626; JP 2001206120 A 20010706; KR 20010029915 A 20010530; MX PA01006629 A 20010627; TW 90116185 A 20010702; US 89839101 A 20010703