

Title (en)
Pneumatic electric screwdriver

Title (de)
Druckbetriebener Kraftschrauber mit Messabschnitt

Title (fr)
Visseuse sous pression

Publication
EP 2113341 B1 20130410 (DE)

Application
EP 09168184 A 20020703

Priority

- EP 02754816 A 20020703
- DE 20111326 U 20010707
- DE 20112833 U 20010802

Abstract (en)
[origin: EP2113341A2] The hydraulic wrench or screw fastener has a drive part (10) and a function part (11) with a housing (14). The housing contains a ratchet arm driven by the drive part. The ratchet arm drives a shaft (17) running through the housing. The shaft has a pick up and a measuring section which determines the torque. The measuring section is arranged at least partly in the part of the shaft surrounded by the housing.

IPC 8 full level
B25B 21/00 (2006.01); **B25B 23/14** (2006.01)

CPC (source: EP)
B25B 21/005 (2013.01); **B25B 23/14** (2013.01); **B25B 23/1456** (2013.01)

Cited by
EP3061571A1; WO2016135261A1; CN113894531A; ITMI20110286A1; WO2012114361A1; US10300585B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 20112833 U1 20021114; DE 20111326 U1 20010927; EP 2113341 A2 20091104; EP 2113341 A3 20091223; EP 2113341 B1 20130410;
ES 2416106 T3 20130730

DOCDB simple family (application)
DE 20112833 U 20010802; DE 20111326 U 20010707; EP 09168184 A 20020703; ES 09168184 T 20020703