

Title (en)
WRENCH

Publication
EP 0027183 B1 19831012 (DE)

Application
EP 80105567 A 19800917

Priority
DE 2941045 A 19791010

Abstract (en)
[origin: US4377955A] A wrench having a handle with an actuating lever arm pivoted for operation to rotate a nut engaging ring geometrically configured to accept a nut or bolt head. The nut engaging ring includes two tappets extending in the plane of rotation of the lever arm. A torque applied to the lever arm engages these tappets and thereby causes the nut engaging ring to rotate with increased force.

IPC 1-7
B25B 17/02

IPC 8 full level
B25B 17/00 (2006.01); **B25B 13/04** (2006.01); **B25B 17/02** (2006.01); **B25B 23/142** (2006.01); **B25B 23/16** (2006.01)

CPC (source: EP US)
B25B 13/04 (2013.01 - EP US); **B25B 17/02** (2013.01 - EP US); **B25B 23/16** (2013.01 - EP US)

Citation (examination)

- CH 402770 A 19651115 - CARL WALTER SCHRAUBWERKZEUG FA [DE]
- DE 1603842 A1 19710909 - EGGERT OHG JAKOB H

Cited by
EP2269772A2; WO9208620A1

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
EP 0027183 A2 19810422; EP 0027183 A3 19810902; EP 0027183 B1 19831012; DE 2941045 A1 19810604; DE 2941045 C2 19811119; JP S5656390 A 19810518; US 4377955 A 19830329

DOCDB simple family (application)
EP 80105567 A 19800917; DE 2941045 A 19791010; JP 14036380 A 19801007; US 19260580 A 19800930