

Title (en)
Rotary tool.

Title (de)
Drehwerkzeug.

Title (fr)
Outil rotatif.

Publication
EP 0035165 A1 19810909 (DE)

Application
EP 81101132 A 19810217

Priority
DE 3008381 A 19800305

Abstract (en)
1. Rotary tool comprising a rotary head in which a ring (12) having teeth is supported and which contains a catch element (41) engaging the teeth of the ring (12) and sliding beyond said teeth in one sense of rotation of the ring (12), while it lockingly engages them in the other sense of rotation, characterized in that the catch element (41) is supported via a first joint (41, 44, 45) by a pressure rod (46) movable in a channel (51) of the rotary head (10), and that the pressure rod (46) being supported via a second joint (47, 48, 49) at the rear end wall (50) of the channel (51) forms together with the catch element (41) a toggle lever system (21).

Abstract (de)
Eine Ratsche (21) für einen Kraftschrauber besteht aus einem Verzahnungssegment (41), das am Umfang eines mit dem Schraubenkopf zu verbindenden Ringes (12) angreift und über ein Druckstück (46) an einem Ansatz (18) des Schlüsselkopfes (10) abgestützt ist. Das Verzahnungssegment (41) bildet mit dem Druckstück (46) einen Kniehebelmechanismus, der die Mitnahme des Ringes (12) ausschließlich in der einen Drehrichtung bewirkt.

IPC 1-7
B25B 21/00

IPC 8 full level
B25B 21/00 (2006.01); **B25B 23/145** (2006.01)

CPC (source: EP)
B25B 21/005 (2013.01)

Citation (search report)
• [A] DE 1731995 U 19561011 - WILHELM BAECKER FA [DE]
• [A] US 2787180 A 19570402 - FISH HERBERT L

Cited by
US6260443B1; CN108724067A; EP0153711A3; US4524651A; EP0163009A3; EP0062194A3; DE19951606C1; EP0062195A3; GB2156723A; FR2562458A1; WO8503897A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0035165 A1 19810909; EP 0035165 B1 19830713; AT E4095 T1 19830715; DE 3008381 A1 19810910; DE 3160578 D1 19830818; JP H034354 B2 19910122; JP S56139883 A 19811031

DOCDB simple family (application)
EP 81101132 A 19810217; AT 81101132 T 19810217; DE 3008381 A 19800305; DE 3160578 T 19810217; JP 3190681 A 19810305