

Title (en)
Socket wrench of ratchet type

Title (de)
Ringschlüssel vom Ratschentyp

Title (fr)
Clef à cliquet du type à bague

Publication
EP 0810068 B1 20000202 (DE)

Application
EP 96108689 A 19960530

Priority
• EP 96108689 A 19960530
• US 65600896 A 19960524

Abstract (en)
[origin: US5636557A] A ratchet-type ring spanner includes a handle and a head portion which, in turn, includes a circular peripheral wall defining a receiving compartment therein and including a web area which connects with the handle, a cavity being defined in the web area. A ratchet wheel is received in the compartment and includes a plurality of teeth in an outer periphery thereof and a polygonal inner periphery. An arcuate toothed member is mounted in the cavity and includes a plurality of teeth defined on a first side thereof for engaging with the teeth of the ratchet wheel and a second side bearing against a wall defining the cavity. A stop member is mounted in the cavity and includes a first end thereof bearing against the wall defining the cavity. A spring is mounted between the stop member and the toothed member to bias the toothed member away from the stop member.

IPC 1-7
B25B 13/46

IPC 8 full level
B25B 13/46 (2006.01)

CPC (source: EP US)
B25B 13/462 (2013.01 - EP US); **B25B 13/463** (2013.01 - EP US)

Cited by
DE102016125747B3; EP0994765A4; DE102009049808B4; US10688631B2; USD912483S; USD947630S

Designated contracting state (EPC)
DE ES FR GB IT NL SE

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US 5636557 A 19970610; DE 59604370 D1 20000309; EP 0810068 A1 19971203; EP 0810068 B1 20000202; ES 2144175 T3 20000601

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US 65600896 A 19960524; DE 59604370 T 19960530; EP 96108689 A 19960530; ES 96108689 T 19960530