

Title (en)
Ratchet wrench

Title (de)
Ratschenschlüssel

Title (fr)
Clef à cliquet

Publication
EP 1413399 B1 20111109 (EN)

Application
EP 03019741 A 20030829

Priority
US 25459202 A 20020926

Abstract (en)
[origin: EP1413399A2] The wrench (10) has a body with drive head, and an elastic unit (40). A jamming prevention portion (34) of a pawl unit is rested on a wall of a locking recess of a drive head when the pawl unit jams with a ratchet wheel (20). The jamming prevention portion is rested on the wall of the locking recess, such that the pawl unit is forced to detach from the head, and the wheel is detached from the drive head of the body.

IPC 8 full level
B25B 13/46 (2006.01)

CPC (source: EP)
B25B 13/463 (2013.01)

Cited by
DE102009049808B4

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1413399 A2 20040428; EP 1413399 A3 20040506; EP 1413399 B1 20111109

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