Title (en)

RATCHET WRENCH

Publication

EP 0187613 B1 19871223 (DE)

Application

EP 85710001 A 19850107

Priority

EP 85710001 A 19850107

Abstract (en)

[origin: ES296369U] A reversible ratchet wrench wherein the usual pawl member associated with the usual ratchet wheel located in the head end of an elongate, ratchet wrench body is rotated either clockwise or counterclockwise from one end position to an opposite end position for reverse wrench operation by an elongate, change-over finger that extends longitudinally of the wrench body to the handle end thereof and is pivotally mounted as a lever relative to the wrench body. The work arm end of the lever preferably freely engages a recess or notch in the pawl, while the power arm end of the lever preferably engages a resiliently urged ball detent for snap action in moving from one end position to the opposite end position, alternately, under the control of preferably opposite push button ends of a slide actuator located near the handle end of the wrench body for pressing by a finger of the one hand of a user holding the wrench by such handle end. The wrench body is preferably of composite formation, having a major, longitudinal, body part made of plastic and having mutually opposite faces that are advantageously shallowly recessed to provide plane longitudinal surfaces against which face plates of strong and durable material, preferably steel, are secured for supporting operative parts of the wrench.

IPC 1-7

B25B 13/46

IPC 8 full level

B25B 13/46 (2006.01)

CPC (source: EP KR US)

B25B 13/00 (2013.01 - KR); **B25B 13/463** (2013.01 - EP US)

Citation (examination)

EP 0096452 A2 19831221 - LANG JOHN WELSH

Cited by

GB2223971A; EP0437007A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0187613 A1 19860716; **EP 0187613 B1 19871223**; AT E31497 T1 19880115; DE 3561232 D1 19880204; ES 296369 U 19871016; ES 296369 Y 19880416; IN 166576 B 19900609; JP H0426218 Y2 19920624; JP S63100155 U 19880629; KR 860005680 A 19860811; KR 920011055 B1 19921226; US 4770072 A 19880913

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