

Title (en)
RATCHET WRENCH

Publication
EP 0237626 B1 19891102 (DE)

Application
EP 86116045 A 19861120

Priority
• DE 3609118 A 19860315
• DE 3610508 A 19860325

Abstract (en)
[origin: WO8705553A1] A ratchet spanner includes a handle; an arcuate jaw-like head connected with the handle, the jaw-like head including a side wall defining a space therein, an upper wall, a lower wall, a plurality of first apertures in the upper wall and a plurality of second apertures in the lower wall in alignment with the first apertures; a plurality of pawls; a plurality of posts, each secured to a respective one of the pawls for pivotally mounting the respective pawl in a first aperture and second aperture in the jaw-like head adjacent the side wall; a ratchet insert member positioned within the space and rotatable with respect to the jaw-like head, the ratchet insert member including a plurality of teeth engageable by the pawls, and spaced gripping surfaces; and a sheet-like arcuate strip of sheet metal positioned against the side wall and a plurality of leaf spring members partially cut-out from the arcuate strip and biased into engagement with the pawls to pivot the pawls into engagement with the teeth.

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B25B 13/46

IPC 8 full level
B25B 13/10 (2006.01); **B25B 13/46** (2006.01)

CPC (source: EP KR US)
B25B 13/06 (2013.01 - KR); **B25B 13/107** (2013.01 - EP US); **B25B 13/463** (2013.01 - EP US)

Cited by
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EP 0237626 A1 19870923; EP 0237626 B1 19891102; AU 7089887 A 19871009; CA 1300932 C 19920519; DE 3610508 A1 19870917; DE 3666676 D1 19891207; FI 874995 A0 19871112; FI 874995 A 19871112; KR 880701157 A 19880725; SU 1611210 A3 19901130; US 4926720 A 19900522; WO 8705553 A1 19870924

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