

Title (en)
Screw extractor

Title (de)
Schraubenausdreher

Title (fr)
Extracteur de goujons

Publication
EP 0940228 A3 20030115 (DE)

Application
EP 99104364 A 19990304

Priority
DE 19809252 A 19980305

Abstract (en)
[origin: EP0940228A2] The screw extractor (1) has a notch to increase the torque introduced into the screw stub. This notch has a clamp flank (14) as leading flank, which is formed by a number of closely neighbouring faces with the triangular cross sections of a multi-pitch triangular thread. The notch cuts across the threads (7) non-centrally and offset, so that the angle between the clamp flank and the tangent on the circumferential edge of the clamp flank is 90 degrees plus/minus 20 degrees .

IPC 1-7
B25B 27/18

IPC 8 full level
B25B 27/18 (2006.01)

CPC (source: EP)
B25B 27/18 (2013.01)

Citation (search report)

- [XDA] DE 625735 C 19360214 - GREENFIELD TAP & DIE CORP
- [A] US 1754736 A 19300415 - BRYANT ELMER J
- [A] US 1863046 A 19320614 - GITHENS THOMAS F, et al
- [A] US 3263533 A 19660802 - CARLSON RAYMOND H

Cited by
EP1534473A4; TWI746632B

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0940228 A2 19990908; EP 0940228 A3 20030115; EP 0940228 B1 20040218; AT E259692 T1 20040315; DE 19809252 A1 19990916; DE 19809252 C2 20000406; DE 59908542 D1 20040325

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EP 99104364 A 19990304; AT 99104364 T 19990304; DE 19809252 A 19980305; DE 59908542 T 19990304