

Title (en)
Wrenching tool

Title (de)
Schraubenschlüssel

Title (fr)
Clé de serrage

Publication
EP 0525356 B1 19981021 (EN)

Application
EP 92110087 A 19861216

Priority
• CA 542405 A 19870717
• EP 86309812 A 19861216
• US 81025385 A 19851218

Abstract (en)
[origin: EP0236630A1] Rotary wrenching tools are sized, in one embodiment, to strongly and adequately receive heads of fastening members of two or more nominal sizes having maximum size ratios in the approximate size ranges of 1.0053-1.1430 for square heads and 1.0053-1.0600 for hexagonal heads. Visible indicia of the sizes of at least two different fastener head sizes are carried adjacent each opening.
[origin: EP0236630A1] The rotary wrenching tool or spanner (20) has an opening to receive the head (24) of a threaded member. The opening has on the inner surface a number of arcuate concave curves (26), each such surface being defined as locus of points falling a given radial distance (R) from the axis. The opening also has a number of convex curves, each surface being defined as the concave curves. The wrench can be open ended (22) similar to an ordinary spanner or closed (20) similar to a ring spanner.

IPC 1-7
B25B 13/04; **B25B 13/48**

IPC 8 full level
B25B 13/04 (2006.01); **B25B 13/06** (2006.01)

CPC (source: EP)
B25B 13/04 (2013.01); **B25B 13/065** (2013.01)

Cited by
FR2714321A1; GB2624052A; EP4311628A3

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0236630 A1 19870916; **EP 0236630 B1 19940907**; AT E111006 T1 19940915; CA 1327464 C 19940308; DE 3650060 D1 19941013; DE 3650060 T2 19950302; EP 0525356 A1 19930203; EP 0525356 B1 19981021

DOCDB simple family (application)
EP 86309812 A 19861216; AT 86309812 T 19861216; CA 542405 A 19870717; DE 3650060 T 19861216; EP 92110087 A 19861216