

Title (en)

A tool for tightening and slackening large threaded parts such as tubes and the like.

Title (de)

Werkzeug zum Festspannen und Lockern grosser Gewindeteile, wie Rohre oder dergleichen.

Title (fr)

Outil pour le serrage et le desserrage de grands profils de filetage comme tubes ou analogues.

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Application

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Priority

IT 2906480 U 19801205

Abstract (en)

The invention relates to a tool for tightening and slackening of threaded parts or components, especially those of larger dimensions such as tubes, pipes etc., The tool basically comprises a cylindrical body (1), provided with a shank (2) serving to impart rotation thereto when paired with a conventional wrench or spanner; the cylindrical body shows an annular recess (6) within which one extremity of a chain (3) is permanently fixed, the other extremity remaining free. The chain (3) is wrapped around the part or component to be tightened or slackened and its free extremity fastened to the cylindrical body at a point within the annular recess commensurate with the same's ability to grip the part/component to be slackened. By rotating the cylindrical body, torque is imparted through the chain to the component thus achieving the desired slackening off of the latter.

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Citation (search report)

- US 4138910 A 19790213 - LAIRD JR JONATHAN L
- US 3314317 A 19670418 - ASHLEY JAMES M
- US 3505914 A 19700414 - OCKINGA VIRGIL M
- US 2825253 A 19580304 - BRENNER HOWARD W
- US 1456126 A 19230522 - FRIDAY GEORGE B

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