

Title (en)

TOOL FOR CLOSING AND SEPARATING PLUGGABLE QUICK ACTING CLOSURE COUPLINGS

Title (de)

WERKZEUG ZUM SCHLIESSEN UND TRENNEN VON STECKBAREN SCHNELLVERSCHLUSSKUPPLUNGEN

Title (fr)

OUTIL POUR FERMER ET OUVRIR DES RACCORDS A FERMETURE RAPIDE EMBOITABLES

Publication

EP 1725377 B1 20100224 (DE)

Application

EP 05730056 A 20050317

Priority

- DE 2005000507 W 20050317
- DE 102004013400 A 20040317

Abstract (en)

[origin: WO2005090007A1] The invention relates to a tool for closing and separating pluggable quick acting closure couplings for hydraulic lines (12), comprising two engaging elements (18), each of which can be engaged with a coupling half (14,16) of the quick acting closure coupling (10) and an actuation mechanism (20) enabling the plug-in movement of the coupling halves (14,16) by performing a reciprocal relative movement of the engaging elements (18). In order to ensure reliable and simple operation, the actuation mechanism (20) has a linear guide (28) consisting of two guide parts (32, 34) that can be moved linearly one towards the other. The engaging elements (18) protrude crosswise with respect to the guide track (30) in each of the guide parts as projections.

IPC 8 full level

B25B 27/10 (2006.01)

CPC (source: EP US)

B25B 27/10 (2013.01 - EP US)

Cited by

DE102022128192B3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005090007 A1 20050929; AT E458585 T1 20100315; DE 112005001141 A5 20070524; DE 502005009084 D1 20100408; EP 1725377 A1 20061129; EP 1725377 B1 20100224; US 2007099460 A1 20070503

DOCDB simple family (application)

DE 2005000507 W 20050317; AT 05730056 T 20050317; DE 112005001141 T 20050317; DE 502005009084 T 20050317; EP 05730056 A 20050317; US 59321805 A 20050317