

Title (en)

CIRCUIT ARRANGEMENT FOR OPERATING A TORQUE WRENCH OR SIMILAR

Title (de)

SCHALTUNGSANORDNUNG ZUM BETREIBEN EINES DREHMOMENTSCHRAUBERS ODER DERGLEICHEN

Title (fr)

ENSEMBLE CIRCUIT POUR FAIRE FONCTIONNER UN TOURNEVIS DYNAMOMÉTRIQUE OU ANALOGUE

Publication

**EP 2569125 A1 20130320 (DE)**

Application

**EP 11752085 A 20110506**

Priority

- DE 102010020258 A 20100511
- DE 2011001043 W 20110506

Abstract (en)

[origin: CA2800344A1] The invention relates to a circuit arrangement for operating a hydraulic torque wrench or similar, comprising a piston-cylinder unit (18) that can be controlled at a predetermined pressure by a pump (11). Said arrangement is characterised in that the piston-cylinder unit (18) can be controlled by the pump (11) by means of a proportional valve (12) which acts both as a reversing unit between the forward and return travel and as a pressure control valve.

IPC 8 full level

**B25B 21/00** (2006.01); **B25B 23/145** (2006.01)

CPC (source: EP US)

**B25B 21/005** (2013.01 - EP US); **B25B 23/145** (2013.01 - EP US); **B25B 23/1456** (2013.01 - EP US); **F15B 9/09** (2013.01 - EP US); **F15B 13/0442** (2013.01 - EP US)

Citation (search report)

See references of WO 2011150909A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010020258 A1 20111117**; BR 112012028775 A2 20160719; CA 2800344 A1 20111208; CN 102985225 A 20130320; CN 102985225 B 20151125; EP 2569125 A1 20130320; EP 2569125 B1 20190424; RU 2012153248 A 20140620; RU 2557859 C2 20150727; US 2013125715 A1 20130523; US 9193049 B2 20151124; WO 2011150909 A1 20111208

DOCDB simple family (application)

**DE 102010020258 A 20100511**; BR 112012028775 A 20110506; CA 2800344 A 20110506; CN 201180026628 A 20110506; DE 2011001043 W 20110506; EP 11752085 A 20110506; RU 2012153248 A 20110506; US 201113697093 A 20110506