

Title (en)
METHOD AND TOOL FOR BOLT JOINTS

Title (de)
VERFAHREN UND WERKZEUG ZUR BOLZENGELLENKE

Title (fr)
PROCÉDÉ ET OUTIL DESTINÉS AUX ASSEMBLAGES PAR BOULON

Publication
EP 3523093 A1 20190814 (EN)

Application
EP 17831438 A 20170704

Priority
• SE 1651079 A 20160721
• SE 2017050744 W 20170704

Abstract (en)
[origin: WO2018017007A1] The present invention concerns a method to provide, by means of tool, loosening of a bolt or a nut from a bolt joint or to provide abutment force to the distal end of bolt joints in the application of the bolt joint. According to the invention, an at least three-part tool (4) is used, which comprises movably actuatable locking and wedge elements as well as a central turnable frame part and turnable sleeves surrounding the same. The frame part and the turnable sleeves are provided with threads. The tool (4) is actuated by torsional force (10) whereby pressing (11), clamping (12), as well as pulling (13) force are provided for the unscrewing or tightening of the bolt (31) or the nut (32) at the bolt joint (33) in question.

IPC 8 full level
B25B 23/10 (2006.01); **B25B 27/14** (2006.01); **B25B 27/18** (2006.01)

CPC (source: EP SE)
B25B 13/06 (2013.01 - EP); **B25B 13/32** (2013.01 - EP); **B25B 23/0085** (2013.01 - SE); **B25B 23/10** (2013.01 - EP); **B25B 23/103** (2013.01 - SE); **B25B 27/14** (2013.01 - EP SE); **B25B 27/18** (2013.01 - EP SE); **B25B 29/02** (2013.01 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018017007 A1 20180125; EP 3523093 A1 20190814; EP 3523093 A4 20200805; SE 1651079 A1 20180102; SE 539897 C2 20180102

DOCDB simple family (application)
SE 2017050744 W 20170704; EP 17831438 A 20170704; SE 1651079 A 20160721