

Title (en)
APPARATUS FOR TIGHTENING THREADED FASTENERS

Title (de)
VORRICHTUNG ZUM ANZIEHEN VON GEWINDEVERBINDUNGEN

Title (fr)
APPAREIL DE SERRAGE D'ÉLÉMENTS DE FIXATION FILETÉS

Publication
EP 3749487 A1 20201216 (EN)

Application
EP 18779850 A 20180902

Priority
• US 201862626776 P 20180206
• US 2018049293 W 20180902

Abstract (en)
[origin: WO2019156712A1] The present invention relates to an operation parameter regulation unit (50) for use with a bolting system having a plurality of networked electrically powered torque tools (10, 11) and/or drive portions of torque tools (10, 11) for simultaneous tightening of industrial threaded fasteners (40), the operation parameter regulation unit (50) including: a processing unit (53); an output unit (51) an input unit (52) an activation unit (55) for activating operation units and/or drive portions of torque tools (10, 11); and a control unit (54) for controlling operation parameters (41) of each of the plurality of networked electrically powered torque tools (10, 11) and/or drive portions of torque tools (10, 11) to maintain a difference between the operation parameters (41) within a predetermined value.

IPC 8 full level
B25B 23/14 (2006.01); **B25B 23/145** (2006.01); **B25B 23/147** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)
B25B 23/14 (2013.01); **B25B 23/1456** (2013.01); **B25B 23/147** (2013.01); **B25B 23/1475** (2013.01); **B25F 5/00** (2013.01)

Citation (search report)
• [X] WO 2017151954 A1 20170908 - HYTORC DIVISION UNEX CORP [US]
• [A] US 5717143 A 19980210 - JENCO JOHN M [US], et al
• See also references of WO 2019156712A1

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 2019156712 A1 20190815; CN 111819035 A 20201023; EP 3749487 A1 20201216

DOCDB simple family (application)
US 2018049293 W 20180902; CN 201880091045 A 20180902; EP 18779850 A 20180902