

Title (en)
VERSATILE HANDLING TOOL

Title (de)
VIELSEITIGES HANDHABUNGSWERKZEUG

Title (fr)
OUTIL DE MANIPULATION POLYVALENT

Publication
EP 3181307 B1 20181114 (EN)

Application
EP 15201300 A 20151218

Priority
EP 15201300 A 20151218

Abstract (en)
[origin: EP3181307A1] The invention relates to a device (10) for handling a tool (21) for tightening a fastener, wherein the device (10) is suitable to assist assembly of two components of a wind turbine. The device (10) comprises a mast (11), a jib (12) and a balancing unit (13), wherein the balancing unit (13) is attached at the jib (12), is arranged and prepared to be connected to the tool (21), and is arranged and prepared to counteract at least partially the weight of the tool (21). Furthermore, the mast (11) comprises means for raising and lowering the jib, e.g. at least two telescopic cylinders nested within each other such that the jib (12) can be raised and lowered. The invention is also directed towards a method of tightening a plurality of fasteners using such a device (10).

IPC 8 full level
B25H 1/00 (2006.01)

CPC (source: EP)
B25H 1/0028 (2013.01); **B25H 1/0042** (2013.01)

Cited by
CN109682927A

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)
EP 3181307 A1 20170621; **EP 3181307 B1 20181114**; DK 3181307 T3 20190225

DOCDB simple family (application)
EP 15201300 A 20151218; DK 15201300 T 20151218