

Title (en)

METHOD FOR TIGHTENING A SCREW FOR FASTENING A CONSTRUCTION PANEL TO A SUPPORT

Title (de)

VERFAHREN ZUM ANZIEHEN EINER SCHRAUBE ZUR BEFESTIGUNG EINER BAUPLATTE AN EINEM TRÄGER

Title (fr)

PROCEDE DE SERRAGE D'UNE VIS DE FIXATION D'UN PANNEAU DE CONSTRUCTION SUR UN SUPPORT

Publication

**EP 3849748 A1 20210721 (FR)**

Application

**EP 19762162 A 20190904**

Priority

- FR 1858251 A 20180913
- EP 2019073624 W 20190904

Abstract (en)

[origin: WO2020053052A1] The invention relates to a method for tightening a screw for fastening a construction panel to a support of the construction panel, in which the fastening screw is screwed through the construction panel and then through at least part of the support, characterized in that it comprises: - a monitoring of a change over time of a tightening torque (605) of the fastening screw, with determination of a first maximum torque value (610) and then of a second minimum torque value (620), and - after determination of the second minimum torque value (620), a stoppage of the tightening of the fastening screw for a torque value, termed stoppage value (640), corresponding to a third maximum torque value (630) or being determined after an occurrence of a third maximum torque value (630).

IPC 8 full level

**B25B 23/147** (2006.01); **B23P 19/06** (2006.01)

CPC (source: EP US)

**B23P 19/066** (2013.01 - EP US); **B25B 23/147** (2013.01 - EP US); **B25B 23/1475** (2013.01 - US); **B25J 11/005** (2013.01 - US); **B25J 15/0019** (2013.01 - US); **E04C 2/043** (2013.01 - EP); **E04D 2015/047** (2013.01 - EP)

Citation (search report)

See references of WO 2020053052A1

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 2020053052 A1 20200319**; CA 3112492 A1 20200319; EP 3849748 A1 20210721; FR 3085876 A1 20200320; FR 3085876 B1 20201204; US 11865654 B2 20240109; US 2022032411 A1 20220203

DOCDB simple family (application)

**EP 2019073624 W 20190904**; CA 3112492 A 20190904; EP 19762162 A 20190904; FR 1858251 A 20180913; US 201917275569 A 20190904