

Title (en)

METHOD FOR PRODUCING MECHANICAL DEVICES COMPRISING SEVERAL ASSEMBLED IDENTICAL PARTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MECHANISCHEN VORRICHTUNGEN MIT MEHREREN ZUSAMMENGEFÜGTEN IDENTISCHEN TEILEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE DISPOSITIFS MÉCANIQUES COMPRENANT PLUSIEURS PIÈCES IDENTIQUES ASSEMBLÉES

Publication

EP 3227791 A1 20171011 (FR)

Application

EP 15820218 A 20151204

Priority

- FR 1462005 A 20141205
- FR 2015053331 W 20151204

Abstract (en)

[origin: WO2016087800A1] The invention relates to a method for producing a plurality of mechanical devices, in which each mechanical device comprises a defined number N of identical parts to be assembled, the parts to be assembled having been produced according to a set of specifications including at least one compliance specification, the parts that meet the compliance specification being compliant parts and the parts that do not meet the compliance specification being non-compliant parts, characterized in that production is controlled in such a way that the number of mechanical devices containing a number of non-compliant parts strictly higher than a threshold value n1 are in a proportion less than or equal to a proportion p1, the proportion p1 being non-zero and strictly lower than 1. The invention also relates to a method for repairing a mechanical device that has been produced with such a production method.

IPC 8 full level

G06F 17/18 (2006.01)

CPC (source: CN EP US)

G05B 19/4188 (2013.01 - EP US); **G06F 17/18** (2013.01 - CN EP US); **B23P 15/006** (2013.01 - US); **B23P 2700/01** (2013.01 - US);
F01D 5/02 (2013.01 - US); **F05D 2230/50** (2013.01 - US); **F05D 2230/80** (2013.01 - US); **G05B 2219/32018** (2013.01 - EP US);
G05B 2219/32191 (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)

See references of WO 2016087800A1

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 2016087800 A1 20160609; CN 107003990 A 20170801; CN 107003990 B 20200804; EP 3227791 A1 20171011; FR 3029441 A1 20160610;
FR 3029441 B1 20161216; US 2017329744 A1 20171116

DOCDB simple family (application)

FR 2015053331 W 20151204; CN 201580067456 A 20151204; EP 15820218 A 20151204; FR 1462005 A 20141205;
US 201515532474 A 20151204