

Title (en)

Method for mounting a part on a pivoting element

Title (de)

Montageverfahren eines Bauteils auf einem Schwenkorgan

Title (fr)

Procédé d'assemblage d'une pièce sur un organe de pivotement

Publication

EP 2273322 B1 20120523 (FR)

Application

EP 09165254 A 20090710

Priority

EP 09165254 A 20090710

Abstract (en)

[origin: EP2273322A1] The method involves forming a rotational body i.e. axle (10), with a tubular portion. A bearing surface (12) is extended around the tubular portion. A hard part (18) is freely introduced on the body and pulled to contact with a malleable element i.e. annular washer (16), by an entry (20) of its structure, so that the element is set over the entry. An assembly is formed by the part and the element to bear a support surface. The element is irreversibly deformed to create catches (24) and housed inside the structure without any degree of freedom. The element is integrated with the body.

IPC 8 full level

G04B 13/02 (2006.01)

CPC (source: EP US)

G04B 13/022 (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Cited by

EP3779607A1; CN114341748A; EP2860591A1; EP2743782A1; RU2638091C2; EP3644128A1; JP2020067353A; CN111090229A; EP4137447A1; US8845184B2; US9488961B2; EP2743781A1; CN103869676A; EP2860592A1; RU2664207C2; US2018335754A1; EP3418815A3; WO2021032388A1; US9176478B2; US9671755B2; US10761483B2; EP2466395A1; WO2012079976A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09165254 A 20090710; CN 201010224734 A 20100707; HK 11103844 A 20110418; JP 2010155144 A 20100707; US 83229410 A 20100708