Title (en)

METHOD FOR THE PRODUCTION OF A LATCH BOLT

Title (de

VERFAHREN ZUR HERSTELLUNG EINES VERSCHLUSSBOLZENS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN BOULON DE FERMETURE

Publication

EP 2209961 B1 20120530 (DE)

Application

EP 08760421 A 20080603

Priority

- EP 2008056837 W 20080603
- DE 102007055568 A 20071120

Abstract (en)

[origin: WO2009065628A1] The invention relates to a method for the production of a latch bolt (1) of a lock armature. The latch bolt (1) is made of a collar bolt (2) that is attached to a displaceable driving rod and a roller (3) that is pivot-supported on the collar bolt (2), wherein the roller (3) and the collar bolt (2) can be fixed relative to each other via a fixing device. The fixing device is made of a sleeve (15) positioned between the roller (3) and the collar bolt (2), said sleeve comprising an upper and a lower ring (50, 51) connected to bars (521 to 524), wherein at least one axially extending tongue (17) projects from the lower ring (51) between the bars (521 to 524) in the direction of the upper ring (50), wherein an undercut is provided on the collar bolt (2) at least over a partial circumference. According to the invention, in order to simplify the production process, said production process comprises at least one deforming operation, wherein the sleeve (15) is deformed by the application of a force such that the at least one tongue (17) engages into the undercut.

IPC 8 full level

E05C 9/18 (2006.01)

CPC (source: EP)

E05C 9/1858 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007055568 A1 20090528; EP 2209961 A1 20100728; EP 2209961 B1 20120530; WO 2009065628 A1 20090528

DOCDB simple family (application)

DE 102007055568 A 20071120; EP 08760421 A 20080603; EP 2008056837 W 20080603