

Title (en)

METHOD FOR PRODUCING MOTOR VEHICLE DOOR LOCKS WITH A PAWL PLACED IN AN OBLIQUE MANNER

Title (de)

VERFAHREN ZUM HERSTELLEN VON KRAFTFAHRZEUGSCHLÖSSERN MIT SCHRÄG ANGESTELLTER SPERRKLINKE

Title (fr)

PROCÉDÉ DE FABRICATION DE SERRURES DE VÉHICULES À MOTEUR COMPORTANT UN CLIQUET PLACÉ DE MANIÈRE OBLIQUE

Publication

EP 2932003 A2 20151021 (DE)

Application

EP 13840161 A 20131211

Priority

- DE 102012024285 A 20121212
- DE 2013000773 W 20131211

Abstract (en)

[origin: CA2900833A1] In order to minimize the sliding friction between the locking parts (30, 31), that is, between the pawl (5) and the rotary latch (2) of a motor vehicle door lock (1), it is advantageous if, during the production process, the different latch surfaces (12, 13) of both locking parts (30, 31) are provided with a stamped contour (14) have straight grooves and also with a stamped contour (11), characterized in that the provided grooves (18', 19') are oblique. Said grooves (18', 19') which are oblique to the latch surface (13) on the pawl (5) can be produced such that the entire pawl (5) or also the rotary latch (2) are connected in an oblique manner to the base (39) of the lock case housing (40) which can be produced in several ways. Between the straight grooves (17) and the oblique grooves (18', 19'), at least two coverings are provided which ensure that both locking parts (30, 31) are in mutual contact reducing the friction.

IPC 8 full level

E05B 85/26 (2014.01); **E05B 77/40** (2014.01)

CPC (source: EP US)

B21D 28/02 (2013.01 - EP US); **B21D 51/46** (2013.01 - US); **B21D 51/48** (2013.01 - US); **E05B 77/40** (2013.01 - EP US); **E05B 79/10** (2013.01 - US); **E05B 85/243** (2013.01 - US); **E05B 85/26** (2013.01 - EP US); **Y10T 29/49886** (2015.01 - EP US); **Y10T 292/1047** (2015.04 - EP US); **Y10T 292/1075** (2015.04 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Citation (search report)

See references of WO 2014090218A2

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