

Title (en)

VEHICLE DOOR LOCK WITH ANTI-NOISE SYSTEM

Title (de)

FAHRZEUGTÜRSCHLOSS MIT LÄRMSCHUTZSYSTEM

Title (fr)

SERRURE DE PORTIÈRE DE VÉHICULE AVEC SYSTÈME ANTI-BRUIT

Publication

**EP 3980616 B1 20221116 (EN)**

Application

**EP 20730031 A 20200603**

Priority

- IT 201900008172 A 20190605
- EP 2020065388 W 20200603

Abstract (en)

[origin: WO2020245222A1] The lock (100) comprises: a catch (3) and a pawl (4) hinged to an intermediate plate (1), and inserts (6) made of anti-noise material that is different from the material of the intermediate plate, disposed in the intermediate plate (1) around a first hole (F1) and a second hole (F2) of the intermediate plate. The inserts (6) are provided with an end (60) that protrudes from a first side (1a) of the intermediate plate to come in contact with the catch (3) and with the pawl (4), in such a way that, during their movement, the catch (3) and the pawl (4) slide on the ends (60) of the inserts, minimizing the noise.

IPC 8 full level

**E05B 77/36** (2014.01); **E05B 79/08** (2014.01); **E05B 81/66** (2014.01)

CPC (source: EP)

**E05B 77/36** (2013.01); **E05B 79/08** (2013.01); **E05B 81/66** (2013.01)

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