

Title (en)
VEHICLE DOOR LOCK

Title (de)
KRAFTFAHRZEUGTÜRVERSCHLUSS

Title (fr)
SERRURE DE PORTE DE VÉHICULE

Publication
EP 3303741 A1 20180411 (DE)

Application
EP 16735985 A 20160511

Priority
• DE 102015108738 A 20150602
• DE 2016100213 W 20160511

Abstract (en)
[origin: WO2016192707A1] The invention relates to a motor vehicle door lock, comprising a locking mechanism (22), an electric drive (26) which allows the locking mechanism (22) to be unlocked, a child safety device (29) with a child safety sensor (31), the electric drive (26) can be activated or not activated depending on the switch position of the child safety sensor (31), and a closing drive (42) which transfers the locking mechanism (22) from a pre-locked position into a main locked position. A locking mechanism sensor (25) is associated with the locking mechanism (22) and depending on the switch position of the locking mechanism sensor (25), the drive (26) can be activated or not activated.

IPC 8 full level
E05B 77/26 (2014.01); **E05B 81/14** (2014.01); **E05B 81/20** (2014.01); **E05B 81/66** (2014.01)

CPC (source: EP KR US)
E05B 77/22 (2013.01 - US); **E05B 77/26** (2013.01 - EP KR US); **E05B 77/54** (2013.01 - US); **E05B 81/14** (2013.01 - EP KR US); **E05B 81/20** (2013.01 - EP KR US); **E05B 81/66** (2013.01 - EP KR US); **E05B 81/64** (2013.01 - EP US); **E05B 85/243** (2013.01 - US)

Citation (search report)
See references of WO 2016192707A1

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)
DE 102015108738 A1 20161208; CN 107849872 A 20180327; CN 107849872 B 20190719; EP 3303741 A1 20180411; EP 3303741 B1 20191002; JP 2018522150 A 20180809; JP 6716827 B2 20200701; KR 102500789 B1 20230217; KR 20180014777 A 20180209; US 10876326 B2 20201229; US 2018328086 A1 20181115; WO 2016192707 A1 20161208

DOCDB simple family (application)
DE 102015108738 A 20150602; CN 201680045315 A 20160511; DE 2016100213 W 20160511; EP 16735985 A 20160511; JP 2017563005 A 20160511; KR 20177037766 A 20160511; US 201615578937 A 20160511