

Title (en)
VEHICLE DOOR SYSTEM AND METHOD

Title (de)
FAHRZEUGTÜRSYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ DE PORTE DE VÉHICULE

Publication
EP 3922792 A1 20211215 (EN)

Application
EP 20179289 A 20200610

Priority
EP 20179289 A 20200610

Abstract (en)
The disclosure relates to a vehicle door system (1) comprising a door (2) and a vehicle body (3). The vehicle body (3) encloses a passenger compartment and defines a door opening, wherein the door (2) is moveable relative to the door opening between a closed position and a maximum open position. The vehicle door system (1) is adapted to limit the extent to which the door is allowed to open to at least one intermediate position between the closed position and the maximum open position. The vehicle door system (1) comprises a manually operated actuator (7) arranged for locking the door in any one of the at least one intermediate position between the closed position and the maximum open position. The disclosure also relates to a method for locking a door (2) in any position between a closed position and an open position relative a vehicle body (3).

IPC 8 full level
E05C 17/00 (2006.01); **E05B 85/10** (2014.01); **E05C 17/20** (2006.01); **E05C 17/30** (2006.01)

CPC (source: EP)
E05B 85/10 (2013.01); **E05C 17/003** (2013.01); **E05C 17/203** (2013.01); **E05C 17/305** (2013.01)

Citation (applicant)
WO 2004001170 A1 20031231 - INTIER AUTOMOTIVE CLOSURES INC [CA], et al

Citation (search report)
• [X] WO 2016103540 A1 20160630 - AISIN SEIKI [JP]
• [X] EP 0230524 A2 19870805 - PORSCHE AG [DE]
• [X] WO 2006084445 A2 20060817 - HS GENION GMBH [DE], et al
• [X] US 2006272216 A1 20061207 - KEANE JOHN V [US], et al
• [X] DE 102011006011 A1 20120927 - SKF AB [SE]
• [X] US 3869158 A 19750304 - CICIULLA JOSEPH

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)
EP 3922792 A1 20211215

DOCDB simple family (application)
EP 20179289 A 20200610