

Title (en)  
A DOOR RETAINING MECHANISM

Title (de)  
TÜRHALTEMECHANISMUS

Title (fr)  
MÉCANISME DE RETENUE DE PORTE

Publication  
**EP 3665350 A4 20210414 (EN)**

Application  
**EP 18883978 A 20180625**

Priority  
• TR 201711846 A 20170810  
• TR 2018050323 W 20180625

Abstract (en)  
[origin: WO2019108151A2] The present invention relates to a door retaining mechanism (1) having a holding arm (90), an upper hub (70a) and a lower hub (70b) provided in a manner tightening the holding arm (90) in between and which controls opening of the door in vehicles. As an improvement, the holding arm (90), provided at least partially in cylindrical form, is configured to have rotational freedom in its own axis, the holding arm (90) comprises at least one threaded part (92) which extends partially thereon and a non-threaded part (93) which extends at the continuation of the threaded part (92), and at least one thread (74) is provided on the surfaces of the lower hub (70b) and the upper hub (70a) pressing the holding arm (90) in a compliant manner to the threaded part (92).

IPC 8 full level  
**E05C 17/20** (2006.01)

CPC (source: EP)  
**E05C 17/203** (2013.01)

Citation (search report)  
• [A] US 1028850 A 19120611 - ASPEGREN WILLIAM H [US]  
• [A] US 1504765 A 19240812 - JOHNSON ERIC J  
• [A] DE 202016104014 U1 20160926 - EDSCHA ENG GMBH [DE]  
• [A] DE 202014009825 U1 20150112 - EDSCHA ENGINEERING GMBH [DE]  
• [A] DE 20321505 U1 20070906 - EDSCHA AG [DE]  
• See references of WO 2019108151A2

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

DOCDB simple family (publication)  
**WO 2019108151 A2 20190606; WO 2019108151 A3 20190808**; CN 110709571 A 20200117; CN 110709571 B 20211123;  
EP 3665350 A2 20200617; EP 3665350 A4 20210414; EP 3665350 B1 20220427

DOCDB simple family (application)  
**TR 2018050323 W 20180625**; CN 201880036067 A 20180625; EP 18883978 A 20180625