

Title (en)

ARRESTER DEVICE FOR A MOTOR VEHICLE DOOR UNIT

Title (de)

FESTSTELLVORRICHTUNG FÜR EINE KRAFTFAHRZEUGTÜREINHEIT

Title (fr)

DISPOSITIF D'ARRÊT POUR UN ENSEMBLE PORTIÈRE DE VÉHICULE AUTOMOBILE

Publication

EP 2766546 A1 20140820 (DE)

Application

EP 12790393 A 20121004

Priority

- DE 202011106703 U 20111012
- DE 2012000966 W 20121004

Abstract (en)

[origin: WO2013053344A1] The invention relates to an arrester device for a motor vehicle door unit, with a chamber (3) which is filled with a hydraulic medium, furthermore with at least one displacer (4) which is connected to a door wing (2), and with at least one valve (5), wherein the outlet cross section (A) of the valve (5) is dimensioned to be larger than the inlet cross section (E) thereof, and the valve (5) and the displacer (4) are each arranged eccentrically in comparison to a common axis of rotation (6) and individually or jointly fill a radial cross section (R) of the chamber (3) such that rotations of the valve (5) and/or of the displacer (4) in relation to the chamber (3) correspond to a cross-sectional jump in the flow of the hydraulic medium through the open valve (5).

IPC 8 full level

E05D 11/10 (2006.01); **E05F 5/02** (2006.01); **F16F 9/14** (2006.01)

CPC (source: EP)

E05D 11/1085 (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

See references of WO 2013053344A1

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)

DE 202011106703 U1 20130125; EP 2766546 A1 20140820; EP 2766546 B1 20180822; WO 2013053344 A1 20130418

DOCDB simple family (application)

DE 202011106703 U 20111012; DE 2012000966 W 20121004; EP 12790393 A 20121004