

Title (en)
INFINITELY VARIABLE DOOR ARRESTER

Title (de)
STUFENLOSER TÜRFESTSTELLER

Title (fr)
SYSTEME DE BLOCAGE DE PORTIERE CONTINU

Publication
EP 1261793 A1 20021204 (DE)

Application
EP 01923656 A 20010309

Priority
• DE 20004524 U 20000310
• EP 0102650 W 20010309

Abstract (en)
[origin: WO0166892A1] The invention relates to an infinitely variable door arrester (1), especially for vehicle doors, that comprises the following components: a stationarily mountable first retainer (2), a second retainer (4) that is linked with the first retainer (2) so as to be movable with respect to the first retainer and that is linked with a door, mechanical stopping means (6) that block the two retainers (2, 4) within their range of movement in any relative position to each other in both directions of movement, elastic coupling means (14) that facilitate minimal, relative, elastic control movements in any relative position of the retainers (2, 4) blocked by the stopping means (6) by impinging the retainers with a control force, and control means (16) that control the release of the stopping means (6) in the blocked state by an elastic control movement resulting from the control force. The door arrester (1) is configured as a hinged door arrester, the two retainers (2, 4) being rotationally interlinked by a hinge pin (8) about a rotational axis (10).

IPC 1-7
E05D 11/08; **E05D 11/10**

IPC 8 full level
E05D 11/08 (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)
E05D 11/081 (2013.01 - EP US); **E05D 11/1057** (2013.01 - EP US); **E05D 11/1085** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (search report)
See references of WO 0166892A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 20004524 U1 20010726; AU 5037401 A 20010917; EP 1261793 A1 20021204; US 2003093873 A1 20030522; WO 0166892 A1 20010913

DOCDB simple family (application)
DE 20004524 U 20000310; AU 5037401 A 20010309; EP 0102650 W 20010309; EP 01923656 A 20010309; US 22153602 A 20021218