

Title (en)

Limit device for door or window sash

Title (de)

Vorrichtung zur Begrenzung eines Flügels einer Tür oder eines Fensters

Title (fr)

Dispositif pour limitation d'un ouvrant de porte ou de fenêtre

Publication

**EP 1609936 A3 20111019 (DE)**

Application

**EP 05101899 A 20050311**

Priority

DE 202004009913 U 20040623

Abstract (en)

[origin: EP1609936A2] Device comprises a housing (8) and a piston (3) moved in a guide (2) in the housing against the force of a damping unit (1) having an elastic material. The leaf to be slowed down acts on the piston. The damping unit consists of individual elements loosely arranged in the guide and positioned behind each other as damping elements (6). At least one damping element is made of an elastic material and has dimensions fitting in the guide so that in the non-deformed state it reaches in a point or linear manner approximately up to the walls (4) of the guide. Preferred Features: The damping elements are preferably made of butyl rubber. The piston is preferably made of a plastic material.

IPC 8 full level

**E05F 5/00** (2006.01); **E05F 5/06** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP)

**E05F 5/003** (2013.01); **E05F 5/06** (2013.01); **E05F 5/10** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/242** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

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- [YD] DE 20314214 U1 20031106 - HESPE & WOELM GMBH & CO KG [DE], et al
- [A] GB 2079400 A 19820120 - NORDE SUSPENSIONS LTD
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Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**DE 202004009913 U1 20040902**; EP 1609936 A2 20051228; EP 1609936 A3 20111019

DOCDB simple family (application)

**DE 202004009913 U 20040623**; EP 05101899 A 20050311