

Title (en)  
Braking device

Title (de)  
Bremsverzögerungsvorrichtung

Title (fr)  
Dispositif de freinage

Publication  
**EP 1006251 A2 20000607 (DE)**

Application  
**EP 99123434 A 19991124**

Priority  
• DE 29821364 U 19981130  
• DE 29907931 U 19990504  
• DE 29910626 U 19990617

Abstract (en)  
The ram rod (7) which can be pressed into a housing (8) against a braking force is movable in guides in the housing and has a toothed rod section (19) which meshes with the pinion of a rotational damper mounted in the housing. The ram rod is biased in the extension direction by a spring (20). The brake moment of the damper only acts in the insert direction. The ram rod can be formed by the piston rod of a piston guided in a fluid-filled cylinder.

Abstract (de)  
Eine Bremsvorrichtung für Türen o. dgl. besteht aus einem Stößel, der entgegen einer Bremskraft in ein Gehäuse eindrückbar ist. Um eine einfach aufgebaute und einfach zu handhabende Bremsverzögerungsvorrichtung zu schaffen, ist der Stößel in Führungen des Gehäuses verschieblich. Er weist einen aus einer Zahnstange bestehenden Abschnitt auf, der mit Ritzel eines in dem Gehäuse gehaltenen Rotationsdämpfers kämmt.  
<IMAGE>

IPC 1-7  
**E05F 5/02**; E05F 3/14; F16F 9/12

IPC 8 full level  
**E05F 5/10** (2006.01); **E05F 3/14** (2006.01); **E05F 5/00** (2006.01); **E05F 5/02** (2006.01); **E05F 5/06** (2006.01); **E05D 3/06** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP KR US)  
**E05F 5/02** (2013.01 - EP US); **E05F 5/06** (2013.01 - KR); **E05F 5/006** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/254** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2201/266** (2013.01 - EP US); **E05Y 2201/474** (2013.01 - EP US); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2600/45** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Citation (applicant)  
DE 19717937 A1 19980520 - GRASS AG [AT]

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