

Title (en)
Door closer with controlled closing movement

Title (de)
Türschliesser mit kontrolliertem Schliessablauf

Title (fr)
Ferme porte à mouvement de fermeture contrÔlé

Publication
EP 0790381 A3 19981007 (DE)

Application
EP 96120855 A 19961223

Priority
DE 19548202 A 19951222

Abstract (en)
[origin: EP0790381A2] The closer consists of a rail (1), which is mounted either in the door or the frame of the door and in which a slide (2) can move to and fro. A swinging arm (12), which is mounted on the door, is connected with its end to the slide. The slide moves freely in the guide rail when the door is opened. A friction pad (19) which is mounted on a wedge (18) is spring loaded so that the pad is pushed against the bottom of the rail. When the pad is moved in the closing direction, the friction force on the pad acts on the wedge in the same direction as the spring (20).

IPC 1-7
E05F 3/16

IPC 8 full level
E05F 3/16 (2006.01); **E05F 5/12** (2006.01); **E05F 3/22** (2006.01); **E05F 5/06** (2006.01)

CPC (source: EP)
E05F 3/16 (2013.01); **E05F 5/12** (2013.01); **E05F 3/221** (2013.01); **E05F 5/06** (2013.01); **E05F 2003/228** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/25** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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