

Title (en)
Blocking device for door closer, electromagnet and slider

Title (de)
Feststelleinrichtung für Türschliesser, Elektromagnet und Gleiter

Title (fr)
Dispositif de blocage pour ferme-porte, électroaimant et patin

Publication
EP 1101893 A3 20021023 (DE)

Application
EP 00124996 A 20001116

Priority
DE 19955996 A 19991120

Abstract (en)
[origin: EP1101893A2] The fixing device has a sliding arm attached to a closure shaft and movable in a guide rail at the ends, an electrically switched holder with a movable stop, a movable bearing supporting the stop and/or a spring and an electromagnet that interacts with the bearing if it is adjacent. The bearing is connected to a plate forming/connected to the electromagnet's armature plate. The force of the electromagnet acts perpendicularly to the door plane. The fixing device (20) has a sliding arm attached to a closure shaft at one end and movable in a guide rail at the other, an electrically switched holder with a movable stop, a movable bearing (31) on which the stop (30,32) and/or spring (35) is supported and an electromagnet (21-23) that interacts with the bearing when it is immediately adjacent. The bearing is connected to a plate forming the electromagnet's armature plate or connected to the armature plate. The force of the electromagnet acts in a direction perpendicular to the plane of the door.

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E05F 3/22; **E05C 17/28**; **E05B 47/00**

IPC 8 full level
E05C 17/28 (2006.01); **E05C 17/56** (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)
E05C 17/28 (2013.01); **E05C 17/56** (2013.01); **E05F 3/222** (2013.01); **E05F 2003/228** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [X] EP 0321649 A2 19890628 - GEZE GMBH & CO [DE]
• [X] DE 4305710 A1 19940901 - GEZE GMBH & CO [DE]
• [X] DE 4440571 A1 19960515 - GEZE GMBH & CO [DE]

Cited by
EP1728950A1; EP3064691A1; EP3064688A1; WO2005038179A1; US9995076B1

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