

Title (en)
Mechanical holding device for a door-wing

Title (de)
Mechanische Feststellvorrichtung für den Türflügel einer Tür

Title (fr)
Dispositif d'arrêt mécanique pour le vantail d'une porte

Publication
EP 1030019 A3 20031126 (DE)

Application
EP 00102949 A 20000214

Priority
DE 19906349 A 19990217

Abstract (en)
[origin: DE19906349C1] Opening the door leaf moves a sliding piece (18) along a guide rail (12) in the leaf or frame, resulting in movement of a snap-fit lever (26) and causing the cooperating spring-loaded ratchet wheel (38) to rotate out of its stopped position, before snapping back into place again and acting as a stop to prevent the leaf accidentally closing. Pressing the lever to disengage it from the ratchet wheel will enable the leaf to close again. The swing arm has one arm pivotably connected to the leaf or frame, and the opposite end is provided with a sliding piece (18) movable in the length direction and housed in a guide rail (12) in the leaf or frame. A holder unit (20) in the guide rail is used to fix the sliding piece and therefore the door leaf into position, and is provided with a ratchet wheel (38) engaging with a resilient snap-fit lever (26) that can be disengaged by applying pressure to it.

IPC 1-7
E05C 17/28; **E05F 3/22**

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

CPC (source: EP)
E05F 3/221 (2013.01); **E05F 2003/228** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
• [DA] DE 29517703 U1 19960111 - DORMA GMBH & CO KG [DE]
• [A] GB 2306564 A 19970507 - EUROMOND LTD [GB], et al

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EP 1030019 A2 20000823; **EP 1030019 A3 20031126**; **EP 1030019 B1 20050209**; AT E288987 T1 20050215; DE 19906349 C1 20000727; DE 50009444 D1 20050317

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