

Title (en)

Door or window fastener with sensor.

Title (de)

Verriegelungseinrichtung für ein Fenster oder dergleichen mit Meldeeinrichtung.

Title (fr)

Fermeture pour porte ou fenêtre avec signalisation.

Publication

EP 0468514 B1 19931020 (DE)

Application

EP 91112534 A 19910725

Priority

DE 9011016 U 19900725

Abstract (en)

[origin: EP0468514A1] The locking device for a window or the like, the wing (1) of which is mounted pivotably on a frame (3), comprises a locking fitting (9) arranged in an outer circumferential rebate surface (5) of the wing (1) and having at least one locking stud (17) displaceable in the circumferential direction of the circumferential rebate surface (5) between a closing position and an opening position, and a lock-plate part (21) arranged in an inner circumferential rebate surface of the frame (3) and having an engagement recess (23) open towards the interior of the frame (3) and circumferentially and intended for the locking stud (17). The locking stud (17) carries a permanent magnet (27). The lock-plate part (21) consists of non-magnetic material and has at least one magnetic-field sensor (29) which is arranged in a recess (33) of the lock-plate part (21) countersunk into the lock-plate part (21) from the same side as the frame (3) and separated from the engagement recess (23) by an integral intermediate wall. The magnetic-field sensor (29), preferably designed as a Hall sensor, is assigned, in the same recess (33), a selectively addressable control circuit for the selective call-up of warning information from a central monitor (43). <IMAGE>

IPC 1-7

E05B 17/22

IPC 8 full level

E05B 17/22 (2006.01); **E05B 45/08** (2006.01); **E05B 45/06** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

E05B 45/083 (2013.01); **E05B 2047/0069** (2013.01); **E05C 9/1858** (2013.01)

Citation (examination)

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- DE 2813029 A1 19790927 - SIEMENS AG
- DE 8606091 U1 19860430
- EP 0213356 A1 19870311 - SIEGENIA FRANK KG [DE]
- FR 2554633 A1 19850510 - JEUNEU PATRICK [FR]
- DE 3632367 B
- DE 2031015 A1 19711230 - BUNKER RAMO
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- Siemens-Broschüre; Magentkontakte, Intrusionsschutz, Ausgabe 8/84, der Siemens AG

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EP 0468514 A1 19920129; EP 0468514 B1 19931020; EP 0468514 B2 20040616; AT E96198 T1 19931115; DE 59100498 D1 19931125; DE 9011016 U1 19901011; ES 2030638 T1 19921116; ES 2030638 T3 19940301; ES 2030638 T5 20050401

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