

Title (en)
ALARM DEVICE FOR DOORS

Publication
EP 0022831 B1 19830601 (FR)

Application
EP 80900233 A 19800815

Priority
CH 99179 A 19790201

Abstract (en)
[origin: WO8001617A1] It is desired to avoid applying a voltage continuously to a relay with an alarm set off by breaking of the current. It is also desired to arrange all the contacts on the door leaf. The device comprises, in series, an electrical supply (100), for example batteries, three switches (A, B, C) and a relay (110). The relay (110) is locked upon the simultaneous closing of the three switches and actuates an alarm circuit (120). The first and the second switches (A, B) are respectively closed and open when the door is closed and, vice-versa, open and closed when the door is wide open. However, they are simultaneously closed for the handling phase of the door (10) wherein, the door being just ajar, the bolt is necessarily retracted (28'). The third switch (C) is controlled by bolt (28) and closed except when the bolt is retracted.

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G08B 13/08

IPC 8 full level
G21F 9/30 (2006.01); **B09B 3/00** (2006.01); **G08B 13/08** (2006.01)

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Cited by
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WO 8001617 A1 19800807; AT E3676 T1 19830615; CH 627572 A5 19820115; DE 3063559 D1 19830707; EP 0022831 A1 19810128; EP 0022831 B1 19830601; JP S55501158 A 19801218; US 4370644 A 19830125; ZA 80566 B 19810225

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CH 8000012 W 19800131; AT 80900233 T 19800131; CH 99179 A 19790201; DE 3063559 T 19800131; EP 80900233 A 19800815; JP 50012879 A 19791130; US 25297780 A 19801001; ZA 80566 A 19800130