

Title (en)
AUTOMATIC ESPAGNOLETTE USING DOUBLE ACTION

Publication
EP 0241396 B1 19890524 (FR)

Application
EP 87440015 A 19870320

Priority
FR 8605252 A 19860410

Abstract (en)
[origin: US4836588A] This automatic double-action casement bolt comprises a pair of locking bars urged by resilient return means to a locking or bolting position in which the bars engage corresponding keepers, these bars being retracted from the keepers and moved to their unbolting position by a set of angular levers fulcrumed at their vertices on the casement bolt casing, each angular lever being connected through one arm to one of the sliding bars, each angular lever comprising, at the end of its other arm, a notch engageable by a catch of at least one control rod movable in a direction across the bars and formed integrally with an operating and control handle urged by other resilient means to its inoperative position, the notch of the other arm of each angular lever being formed in the edge of this arm so as to provide an open clearance of which the bottom constitutes a striking edge adapted, when the casement bolt is unbolted, to co-operate with the catch of the control rod.

IPC 1-7
E05C 9/04

IPC 8 full level
E05C 9/10 (2006.01); **E05C 9/04** (2006.01); **E05C 9/14** (2006.01)

CPC (source: EP US)
E05C 9/04 (2013.01 - EP US); **E05C 9/042** (2013.01 - EP US); **Y10S 292/62** (2013.01 - EP US); **Y10T 292/0837** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Cited by
GB2298449A; GB2298449B

Designated contracting state (EPC)
AT BE CH DE ES GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0241396 A1 19871014; EP 0241396 B1 19890524; AT E43395 T1 19890615; CA 1298592 C 19920407; DE 3760182 D1 19890629; ES 2008874 B3 19890816; FR 2597147 A1 19871016; FR 2597147 B1 19880610; GR 3000064 T3 19901031; JP S62242084 A 19871022; US 4836588 A 19890606

DOCDB simple family (application)
EP 87440015 A 19870320; AT 87440015 T 19870320; CA 534160 A 19870408; DE 3760182 T 19870320; ES 87440015 T 19870320; FR 8605252 A 19860410; GR 890400058 T 19890525; JP 8588287 A 19870409; US 2638887 A 19870316