

Title (en)

SPRING-ACTUATED CLOSING DEVICE FOR A DOOR OR THE LIKE

Publication

**EP 0281434 B1 19901227 (FR)**

Application

**EP 88400166 A 19880126**

Priority

FR 8701462 A 19870206

Abstract (en)

[origin: US4845811A] Spring closing device for door or the like, comprising at least two hinges, each one comprising two components articulated on an axis and one of which, known as the mobile component, is fixed on the door and the other of which, known as the fixed component, is fixed on the post of this door, whereby a flexible spring torsion bar is also provided between this door and its post so as to bring it back automatically into the closed position, a device characterized in that the elastic component comprises a steel spring torsion bar (6) connecting the fixed component of a hinge to the mobile component of another hinge.

IPC 1-7

**E05F 1/12**

IPC 8 full level

**E05F 1/12** (2006.01)

CPC (source: EP US)

**E05F 1/123** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Cited by

US5975577A; GR1001210B

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0281434 A1 19880907**; **EP 0281434 B1 19901227**; AT E59425 T1 19910115; CA 1310158 C 19921117; DE 3861395 D1 19910207; FR 2610665 A1 19880812; FR 2610665 B1 19951208; JP 2630794 B2 19970716; JP S63201286 A 19880819; US 4845811 A 19890711

DOCDB simple family (application)

**EP 88400166 A 19880126**; AT 88400166 T 19880126; CA 558154 A 19880204; DE 3861395 T 19880126; FR 8701462 A 19870206; JP 2555988 A 19880205; US 14913488 A 19880127