

Title (en)

Locking device with release action for locking opened door leaves which close automatically in a closing position

Title (de)

Feststellvorrichtung zur lösbaren Fixierung geöffneter, selbsttätig in Schliessstellung zufallender Türblätter

Title (fr)

Dispositif de fixation pour la fixation amovible de vantaux de porte ouverts se fermant automatiquement

Publication

EP 1900895 A3 20080507 (DE)

Application

EP 07017048 A 20070831

Priority

DE 102006042425 A 20060909

Abstract (en)

[origin: EP1900895A2] The device has door leaf clamping pins (4) provided with a return spring (2) and taking drastic measures on both ends of a cylinder (1). Cylinder inner spaces (7, 8) are separated by a piston (5), and are connected with a bypass channel (10) and a counter flow channel (9) by a rear flow side. The bypass channel is provided with a flow through air regulator (11), and the counter flow channel is provided with a non-return valve (6). A counter-bearing sided end (4') of the pin is formed in reference to the pins (4) in an axially relocatable manner under a spring tension.

IPC 8 full level

E05C 17/44 (2006.01); **E05C 17/30** (2006.01)

CPC (source: EP)

E05C 17/446 (2013.01)

Citation (search report)

- [XY] WO 9820223 A1 19980514 - KARLQUIST PER ERIK [SE]
- [Y] US 4050723 A 19770927 - PAPADATOS GEORGE
- [Y] DE 2151336 A1 19730419 - MECANISMOS Y ACCESORIOS S A
- [A] FI 23823 A 19490709
- [AD] KR 100538464 B1 20051222 - SHIN SUNG ARCHITECTS & ENGINEE [KR]
- [AD] DE 29701673 U1 19980528 - NIEDERHOFF & DELLENBUSCH [DE]

Cited by

CN112004982A; CN112384672A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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