

Title (en)

AUTOMATIC SYSTEM FOR CLOSING WINDOWS OR DOORS

Title (de)

AUTOMATISCHES SYSTEM ZUM SCHLIESSEN VON FENSTERN ODER TÜREN

Title (fr)

SYSTÈME AUTOMATIQUE POUR FERMER DES FENÊTRES OU DES PORTES

Publication

**EP 3914792 B1 20220629 (EN)**

Application

**EP 20706377 A 20200305**

Priority

- IT 201900004329 A 20190326
- IB 2020051916 W 20200305

Abstract (en)

[origin: WO2020194089A1] An automatic system (1) for closing windows or doors, comprising a counter-plate (2) provided with a first member (3) and a lock body (20). Closing means (4) is movable between a release configuration, in which it engages the counter-plate (2) when the latter is aligned with the lock body (20), and a retained configuration, in which it is maintained inside the lock body (20) and does not engage the counter-plate (2). A switch (5) is mounted in the lock body (20) and is configured to assume a locking configuration in which the switch (5) locks the closing means (4) in the retained configuration and an unlocking configuration in which the switch unlocks the closing means (4). The switch (5) and the first member (3) are configured to exchange an activation magnetic-type action adapted to switch the switch (5) from the locking configuration to the unlocking configuration only in a final approaching step of the lock body (20) to the counter-plate (2).

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent : KfV Karl Fliether GmbH & Co. KG

- GB 1009996 A 19651117 - LICENTIA GMBH
- DE 8704036 U1 19870702
- US 7308737 B2 20071218 - SAITOH MASATOSHI [JP], et al
- EP 2634330 A2 20130904 - WINKHAUS FA AUGUST [DE]
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- DE 202014009713 U1 20150130 - KfV KARL FLIETHER GMBH & CO KG [DE]
- DE 102017105125 A1 20180913 - FUHR CARL GMBH & CO KG [DE]
- DE 202011103779 U1 20121015 - MACO TECHNOLOGIE GMBH [AT]
- EP 2096241 A2 20090902 - FUHR CARL GMBH & CO KG [DE]

Designated contracting state (EPC)

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