

Title (en)

SCREEN DOOR CONTROL DEVICE FOR AUTOMATIC OPENING AND CLOSING OF A SCREEN DOOR

Title (de)

SCHUTZTÜRSTEUERUNGVORRICHTUNG ZUM AUTOMATISCHEN ÖFFNEN UND SCHLIESSEN EINER SCHUTZTÜR

Title (fr)

DISPOSITIF DE COMMANDE DE PORTE MOUSTIQUAIRE POUR L'OUVERTURE ET LA FERMETURE AUTOMATIQUES D'UNE PORTE MOUSTIQUAIRE

Publication

EP 4047172 A1 20220824 (EN)

Application

EP 22157376 A 20220217

Priority

- NL 2029468 A 20211019
- NL 2029469 A 20211019
- NL 2027573 A 20210217

Abstract (en)

A screen door operating device 1 has a vertical tube 3, an upper guide profile 5 and a lower guide profile 7 which can be coupled to a screen door 101. The screen door has a cassette 103 which can be coupled to the tube 3. An insect screen 105 is folded in the cassette, which is attached to a vertical closing strip 107 which is movable in the upper and in the lower guide profile 5, 7 and thereby pulls the insect screen 105 out of the cassette 103 or pushes it into the cassette. Two drivers 9, 11 are movable in the upper and lower guide profiles 5, 7, and can be coupled to the vertical closing strip 107. In the tube 3 and in the lower and upper guide profiles 5, 7 a drive 13 is present for moving these drivers 9, 11. This drive 13 is operated by a switch 15 present on the tube 3.

IPC 8 full level

E06B 9/54 (2006.01)

CPC (source: EP)

E06B 9/54 (2013.01); **E06B 2009/543** (2013.01)

Citation (applicant)

EP 3382135 A1 20181003 - METACO INC [JP]

Citation (search report)

- [X] EP 2103773 A2 20090923 - HUBER ALFONS [DE]
- [A] EP 2746524 A1 20140625 - EFFE S R L [IT]
- [A] WO 2010034156 A1 20100401 - TU QIWEN [CN]
- [A] EP 2085562 A2 20090805 - BETTIO SERVICE SPA [IT]
- [A] EP 2530236 A2 20121205 - OROZCO HERRERO S L [ES]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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