

Title (en)

Operating device for an outwards opening wing of a door or a window.

Title (de)

Bedienungsvorrichtung für einen sich nach aussen öffnenden Flügel einer Tür oder eines Fensters.

Title (fr)

Dispositif de commande d'un ouvrant d'une porte ou fenêtre à ouverture vers l'extérieur.

Publication

EP 0296088 A1 19881221 (FR)

Application

EP 88440045 A 19880607

Priority

FR 8708325 A 19870612

Abstract (en)

[origin: JPH01142186A] PURPOSE: To prevent the hand and fingers from being caught at the beginning and at the end of the opening and closing movements of the door or window, and to lock an oscillating panel at an arbitrary angle to a fixed frame, by mounting a protection means and a locking means. CONSTITUTION: An operating mechanism for controlling the rotation of an operating arm 7 is accommodated in a casing 6 mounted on a lower frame 4 of a fixed frame 3 of a door or a window. Then a roller to be engaged with a guide rail 15 fixed to an oscillating panel 5, is mounted on one end of the operating arm 7. A protection means 18 formed by an U-shaped member 19 is mounted on a lower frame 4 for preventing the hand and fingers from being caught by the operating arm 7 at the beginning and at the end of the opening and closing movements of the door or window. A locking means 42 is mounted between the oscillating panel 5 and the fixed frame 3, for locking the oscillating panel 5 to the fixed frame 3 in any angular position.

Abstract (fr)

Un dispositif de commande d'un ouvrant (5) d'une porte ou fenêtre à ouverture vers l'extérieur, comprenant un boîtier (6) fixé en applique sur la traverse inférieure (4) du cadre dormant (3) et servant de logement à un mécanisme, actionné par une manivelle, pour commander la rotation d'un bras de manoeuvre (7) pourvu à son extrémité (14) d'un galet coulissant dans un rail de guidage solidaire de l'ouvrant (5), ce dispositif de commande comportant, en outre, des moyens de protection (18) pour interdire l'accès au bras de manoeuvre (7), notamment au début et en fin, respectivement, d'ouverture et de fermeture de l'ouvrant (5), et des moyens de verrouillage (38) pour bloquer ledit ouvrant (5) quelle que soit sa position par rapport au cadre dormant (3).

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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