

Title (en)

Locking device for sliding window, door, or the like.

Title (de)

Verschluss für Schiebefenster, -tür, o.dgl.

Title (fr)

Ferrure de verrouillage d'un ouvrant coulissant de fenêtre, porte ou analogue.

Publication

EP 0044264 A1 19820120 (FR)

Application

EP 81440018 A 19810625

Priority

FR 8015750 A 19800711

Abstract (en)

1. Locking device for sliding window, door and the like, including an inner plate (46) comprising an operating rod (50) manually manageable from the interior of the window and having a notch (90) cooperating with a control element (45) of a key element (39) integral with an outer plate (1), actuating the operating rod (50) from the exterior of the window, this control element (45) being, in rest position, disengaged from the notch (90) of the operating rod (50), characterized in that the key element (39) consists of a safety barrel whose key only can be taken away after having made describe a complete round to the control element (45) of the barrel (39) ; that the rotation axis of the safety barrel (39) and the axis of the control element (45) in rest position are disposed in a plane (89) parallel to the displacement direction of the operating rod (50) that the notch (90) has a depth at least equal to the radius of action of the control element (45) and that the spacing of the opposed action edges (91, 92) of the notch (90) and the radius of action of the control element (45) are chosen so that when pivoting of an entire round in a direction or in the other one, the control element (45) leans against one of the abovementioned action edges (91, 92) and moves the operating rod (50).

Abstract (fr)

Ferrure de verrouillage d'un ouvrant coulissant d'une fenêtre, porte ou analogue comprenant une plaque intérieure (46) comportant une tringle de commande (50) manoeuvrable manuellement de l'intérieur de l'ouvrant et présentant une entaille (90) coopérant avec un doigt de commande (45) d'un élément à clé (39) solidaire d'une plaque extérieure (1) actionnant la tringle de commande (50) à partir de l'extérieur de l'ouvrant, ce doigt de commande (45) se trouvant, en position de repos, dégagé de l'entaille (90) de la tringle de commande (50), caractérisée en ce que l'axe de rotation de l'élément à clé (39) et l'axe du doigt de commande (45) en position de repos sont disposés dans un plan (89) parallèle à la direction de déplacement de la tringle de commande (50) et que l'entaille (90) présente une profondeur au moins égale au rayon d'action de l'élément de commande (45).

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

GB 1396876 A 19750611 - MARSLAND CO LTD

Cited by

FR2811697A1; EP0859107A1; EP1707709A3; EP1676969A3; FR2784132A1; EP0869239A1; FR2761718A1; DE102004009164A1; GR980100267A; EP0206962A1; FR2582710A1; EP1365090A1; FR2840007A1; US11408212B2; EP0869245A1; FR2761723A1; US5979950A; FR2849087A1; EP1433909A1; EP1433910A1; EP0869241A1; FR2761719A1; US6019400A; EP1767733A1; GB2310453A; CY2545B1; US6349576B2; FR2780434A1; FR2701056A1; EP1462593A3; EP1288405A1; FR2761724A1; EP0869240A1; US6050617A; EP0389447A3; US6247341B1; FR2826995A1; FR2842238A1; DE10132100C2; ES2207356A1; BE1014947A3

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