

Title (en)

OPERATOR-FRIENDLY FITTING AND METHOD FOR A SLIDE(-TILT) WINDOW THAT CAN BE DISPLACED IN PARALLEL

Title (de)

BEDIENFREUNDLICHER BESCHLAG UND VERFAHREN FÜR EIN PARALLEL-SCHIEBE(KIPP)-FENSTER

Title (fr)

FERRURE FACILE D'UTILISATION ET PROCÉDÉ POUR UNE FENÊTRE (À SOUFFLET) COULISSANTE PARALLÈLE

Publication

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Application

EP 11805610 A 20111212

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Abstract (en)

[origin: WO2012077091A1] The invention relates to a fitting for a slide-and-tilt or sliding sash which can be displaced in parallel. The operator-friendly fitting comprises two lower carriages (4a, 4b) which can be displaced on a running rail and are coupled to one another at a distance by a connecting rod. The fitting has at least one upper sliding element (5a, 5b) that can be displaced in a guide rail and is provided with a second connecting rod. A swivelable extension arm (10a, 10b, 20a, 20b) is associated with each of the two carriages and the at least one upper sliding element. An energy accumulator unit (E, 15, 25) is coupled to one of the extension arms of the carriages or to the extension arm of the upper sliding element. When all extension arms execute a swiveling storing movement, the energy accumulator unit absorbs energy from a closing position during the storing movement of the extension arms. After the latching of at least one of the extension arms of the carriages or the latching of the extension arm of the upper sliding element in the swiveled-out position, this energy is stored.

IPC 8 full level

E05D 15/10 (2006.01)

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Citation (search report)

See references of WO 2012077092A1

Citation (third parties)

Third party :

- EP 0276678 B1 19900912
- EP 0360995 A1 19900404 - ARTIERI DEL LEGNO SPA [IT]
- DE 7037617 U 19720525
- EP 0075364 B1 19871216
- US 3510983 A 19700512 - BARABAS CHARLES
- DE 3638784 C2 19881103
- CH 684350 A5 19940831 - PFENNINGER L & CIE AFFA
- DE 2218678 A1 19731025 - GROEZINGER KG
- DE 696812 C 19400930 - VER BAUBESCHLAG GRETSCH CO

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