

Title (en)

SLIDING WING IN FORM OF A WINDOW, DOOR OR THE LIKE

Publication

EP 0222995 B1 19891129 (DE)

Application

EP 86112082 A 19860901

Priority

DE 3540346 A 19851114

Abstract (en)

[origin: EP0222995A2] 1. Sliding leaf (8) which is in the form of a window, a door or the like, can be offset parallel and is supported by at least two carriages (13, 14) which are guided displaceably in longitudinal rails (12) on the frame and each of which has a supporting arm (26) which is swivellable transversely to the rail direction by means of the leaf operating lever (9) and the outer end of which engages on a supporting shoe of the leaf, characterized in that the carriage (13, 14) comprises two carriage parts (15, 16) which are movable relative to one another in the longitudinal direction of the rails, are displaced relative to one another when the operating lever is actuated and of which one carriage part (16) supports the supporting arm (26) and the other carriage part (15) supports a connecting rod (28) lying toggle lever-fashion relative to the supporting arm (26), the displacement movement of the carriage parts (15, 16) relative to one another being achieved by means of a control arm (61) which is articulated on the leaf and extends to one carriage part (16), can be swivelled by the driving rod (40) of the sliding leaf (8) and when the sliding leaf (8) is offset parallel leads to one carriage part (16) travelling towards the other carriage part (15).

IPC 1-7

E05D 15/10; **E05D 15/58**

IPC 8 full level

E05D 15/10 (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP)

E05D 15/1013 (2013.01); **E05Y 2900/148** (2013.01)

Citation (examination)

- DE 2633369 A1 19780126 - WEIKERT RUDOLF
- DE 3234677 A1 19840322 - GRETSCH UNITAS GMBH [DE]
- AT 351397 B 19790725 - FRANK GMBH WILH [DE]
- US 3344441 A 19671003 - KELLY ANTHONY J

Cited by

EP1170448A1; CN103328748A; US11091945B2

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EP 0222995 A2 19870527; **EP 0222995 A3 19870902**; **EP 0222995 B1 19891129**; AT E48304 T1 19891215; DE 3540346 C1 19870619; DE 3667192 D1 19900104

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