

## Title (en)

FITTING FOR A WING OF A WINDOW, DOOR OR THE LIKE, WHICH CAN AT LEAST BE MOVED FROM ONE PLANE TO ANOTHER PARALLEL PLANE

## Publication

**EP 0103725 A3 19850403 (DE)**

## Application

**EP 83107722 A 19830805**

## Priority

DE 3234677 A 19820918

## Abstract (en)

[origin: US4551945A] A sash is mounted in a first position in a fixed frame and is movable laterally into a second position where it is parallel to the first position. A plurality of swing arms connect the sash to a movable carriage so that in the second position the sash can be moved along a linear path between a closed position and open position relative to the first position of the sash in the fixed frame. At least one of the swing arms has a control arm pivotally attached to it. The control arm has a locking member engageable within and movable along a slot in the carriage. The locking member can be secured within a section of the slot angularly offset from the main section of the slot when the sash is in the second position. With the locking member secured in the angularly offset section, the sash is retained in the second position. A lug secured to the fixed frame is located in the path of the carriage as the sash moves along the linear path toward the closed position. A stop formed on the lug is contacted by the locking member when the sash moves toward the closed position so that the locking member is automatically disengaged from the offset slot section and the control arm and the swing arm can be pivoted relative to one another. The stop is part of a second slot and with the sash in the first position, the second slot holds the locking member so that the sash is retained in the fixed frame.

## IPC 1-7

**E05D 15/10**

## IPC 8 full level

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## Citation (search report)

- [A] DE 2603240 A1 19771006 - SIEGENIA FRANK KG [DE]
- [A] DE 2643854 A1 19780330 - LINKE HOFMANN BUSCH
- [A] DE 2218678 A1 19731025 - GROEZINGER KG
- [A] CH 173656 A 19341215 - KREBS ERNST [CH]

## Cited by

EP2098665A1; WO2013139618A1; WO2009024561A1; WO2015027992A1; DE102009004013B4; EP0231498A3; EP2216472A3; EP3480407A1; CN104379861A; DE102013109293B3; EP0222995A3; EP0295094A1; EP2105564A3; RU2682535C2; DE102004005170A1; DE102004005170B4; EP0916794A3; EP3168401A1; CN106677652A; RU2717929C2; DE102009061095B3; EP2685040A3; EP0916794A2; EP1752602A2; WO2010079461A2; DE202012002741U1; DE102007039069A1; DE102009004013A1; WO2010079461A3; EP2538009A2; DE202009019144U1; EP3216959A1; EP2384386B1

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