

Title (en)

A HINGE ARRANGEMENT OF A ROOF WINDOW WITH IMPROVED OPERABILITY

Title (de)

SCHARNIERANORDNUNG FÜR EIN DACHFENSTER MIT VERBESSERTER BEDIENBARKEIT

Title (fr)

SYSTÈME DE CHARNIÈRE D'UNE FENÊTRE DE TOIT À OPÉRABILITÉ AMÉLIORÉE

Publication

EP 3842610 B1 20230809 (EN)

Application

EP 21158987 A 20161118

Priority

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- EP 16199612 A 20161118

Abstract (en)

[origin: EP3323968A1] In the hinge arrangement (4) mounted in a roof window having a frame and a sash carrying a pane (3), a hinge (5) of a set of hinges includes a frame hinge part (51) connected to one frame side member (11), and a sash hinge part (52) connected to one sash side member (21). The sash hinge part (52) is able to rotate relative to the frame hinge part (51) about a hinge axis (\pm). Guiding means providing guidance for the sash hinge part (52) relative to the frame hinge part (51), and motion modulating means configured to act on the hinge (5) to affect the movement of the sash hinge part (52) relative to the frame hinge part (51) are provided. The frame hinge part (51) and the sash hinge part (52) of the hinge (5) are connected to each other by a hinge pin (53) such that the hinge axis (\pm) extends through the frame hinge part (51) and the sash hinge part (52). The guiding means are provided at a distance from the hinge pin (53) and in connection with the motion modulating means. The motion modulating means comprise a biasing device (7) including a spring (71; 471), and the guiding device comprise a transmission device (6).

IPC 8 full level

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CPC (source: EP)

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