

Title (en)
REVERSIBLE WINDOW AND HINGE MECHANISM

Title (de)
UMKEHRFENSTER UND SCHARNIERMECHANISMUS

Title (fr)
FENÊTRE RÉVERSIBLE ET MÉCANISME DE CHARNIÈRE

Publication
EP 3409869 B1 20221012 (EN)

Application
EP 17173427 A 20170530

Priority
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Abstract (en)
[origin: EP3409869A1] A reversible and outwardly openable rabbeted window comprises a frame (10); a sash (20) with a laterally extending peripheral rabbet flange (25) which, in a closed position overlaps a portion of the frame; and two hinge mechanisms (30). Each hinge mechanism comprises; a pivot arm (36) with a first end being pivotally connected to the sash at a first pivot axis (36a) and a second end being pivotally connected to a first slide (35) at a second pivot axis (35b). The first slide is arranged linearly displaceable along a first guide (32) which is fixed to or made integral with the frame. A support member (37), with a first end is pivotally connected to the pivot arm (36) and a second end is pivotally connected to the frame. A second slide (34) is pivotally connected to an upper portion of the sash and arranged linearly displaceable along a second guide (31) which is fixed to or made integral with the frame. The support member (37) is pivotally connected to the pivot arm (36) by means of a distance member (38) such that the movement plane of the support member is laterally offset from the movement plane of the first pivot arm by a distance which is greater than the lateral extension of the rabbet flange (25). The pivot arm (36) is pivotally connected to the first slide (35) by means of a pivot mechanism (35b, 36b, 36c) which is arranged to allow the second end of the pivot arm (36) to move linearly relative to the second pivot axis (35b).

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CPC (source: EP)
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