

Title (en)
DISPLACEMENT ARRANGEMENT HAVING A ROLLING BEARING GUIDE

Title (de)
VERLAGERUNGSANORDNUNG MIT WÄZLAGERFÜHRUNG

Title (fr)
DISPOSITIF DE DÉPLACEMENT AVEC GUIDAGE DE PALIER À ROULEMENT

Publication
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Application
EP 17811288 A 20171206

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Abstract (en)
[origin: WO2018114337A1] The invention relates to a displacement arrangement (10) for moving a window sash or a door leaf transversely with respect to the fixed frame of the window or the door. The displacement arrangement (10) has, for indirectly supporting the transverse movement, a control part (28) which is displaced by means of an actuating device (12) relative to a guide part (34) which can be mounted fixedly on the sash/leaf. Here, a first control projection (24a) is provided between the control part (28) and actuating device (12) and engages in a first control slot (26a) of the control part (28) and at the same time engages in a first guide slot (54a) of the guide part (34). The first control projection (24a) has a first rolling bearing (50) for bearing on the first guide slot (54a). In addition, the first control projection (24a) can have a second rolling bearing (52) for supporting on the first control slot (26a). Alternatively or in addition, a supporting rolling bearing can be provided between the guide part (34) and the control part (28). The displacement arrangement (10) allows the generation of a high contact pressure of the sash/leaf on the fixed frame under moderate operating forces and thus good sealing of the window or the door. Furthermore, a very low-friction setting-out of even heavy sashes/leaves is possible by means of the operation of the actuating device (12) by a user of the window or the door.

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Citation (search report)
See references of WO 2018114337A1

Cited by
DE202021100989U1; DE102021201882A1; WO2022179815A1

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