

Title (en)  
A FOLDING MOVABLE PANELS SYSTEM

Title (de)  
SYSTEM AUS FALTBAREN BEWEGLICHEN PLATTEN

Title (fr)  
SYSTÈME DE PANNEAUX MOBILES PLIABLES

Publication  
**EP 4223969 A1 20230809 (EN)**

Application  
**EP 22210230 A 20221129**

Priority  
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Abstract (en)  
The invention relates to a movable panels systems (1) comprising a lower guide (2) having at least one rail (20), an upper guide (3) and at least one sliding panel (4a). The movable panels system (1) comprises rotating and sliding means operatively connected to the sliding panel (4a), comprising: a) a hinge device (6) engaged at the upper edge (43a) and engaged in a rotationally free manner in relation to the upper guide (3); b) a load-bearing carriage group (5) engaged at the lower edge (42a), comprising a supporting body (50), a plurality of wheels (53) hinged to the supporting body (50) and engaged in a freely sliding manner to a rail (20), and a lower body (52) engaged to the sliding panel (4a) and engaged in a rotationally free manner to the supporting body (50) by means of a lower pin (51); a thrust bearing (55) engaged to the lower pin (51) and is suitable for allowing the rotation of the lower body (52).

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Citation (search report)  
• [XAYI] DE 19854739 C1 20000406 - SIEGENIA FRANK KG [DE]  
• [Y] US 2007272372 A1 20071129 - GLOVER MICHAEL [NZ]

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