

Title (en)  
BALUSTRADE GLAZING SYSTEM AND MULTISTORE BUILDING

Title (de)  
SYSTEM ZUR VERGLASUNG VON BALUSTRADEN UND MEHRSTÖCKIGES GEBÄUDE

Title (fr)  
SYSTÈME DE VITRAGE DE BALUSTRADE ET BÂTIMENT À PLUSIEURS ÉTAGES

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Application  
**EP 15720785 A 20150325**

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Abstract (en)  
[origin: WO2015145373A1] The objective of the invention is to enable a reduction in the strength requirements of balustrade glazing (4) implemented without vertical posts placed on the span. The balustrade glazing system (1) comprises an essentially horizontal handrail (2) provided with an installation groove (9) and having a span length of at least 3.0 m and fastened in a stationary manner only at the ends to support structures (8) by means of a support structure fastening system (7), an essentially horizontal lower rail (3) provided with an installation groove (38), and balustrade glazing (4) installed essentially in a floating manner on the span between the installation groove (9) of the handrail and the installation groove (38) of the lower rail and made of unhardened and laminated glass, whereby the lower edge (40) of the balustrade glazing (4) rests on the bottom of the installation groove (38) so that the lower edge (40) of the balustrade glazing (4) can essentially move in the installation groove (38) with respect to the width direction of the installation groove (38), and Where the balustrade glazing (4) supports the handrail (2) at the middle area of the span so that the balustrade glazing (4) is freely deflectable by the effect of the forces in the direction of the normal (F) of the balustrade glazing (4), and where the lower rail (3) and the handrail (2) are arranged so that the forces in the direction of the normal (F) of the balustrade glazing (4) directed to the balustrade glass (4) are transmitted to the support structures (5, 8) only via the essentially horizontal rails (3, 2). Also contains a claim for a multistorey building.

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