

Title (en)
MOVING STAIRCASE OR MOVING WALKWAY WITH A TRANSPARENT BALUSTRADE

Title (de)
FAHRTREPPPE ODER FAHRSTEIG MIT EINER TRANSPARENTEN BALUSTRADE

Title (fr)
ESCALIER ROULANT OU TROTTOIR ROULANT AVEC UNE BALUSTRADE TRANSPARENTE

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Application
EP 13798682 A 20131203

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Abstract (en)
[origin: WO2014095331A1] The invention relates to a transparent balustrade (12) of an escalator (1) or a moving walkway comprising a balustrade base (13), at least one glass panel (33), and a handrail guide (15) with a handrail (14). The at least one glass panel (33) has an upper edge (9) and a lower end (6) and is clamped at the lower end (6) thereof in a stationary manner in a holder (18) in the balustrade base (13). The transparent balustrade (12) contains at least one support (20) which is connected fixedly to the balustrade base (13). The glass panel (33) can be deformed elastically orthogonally with respect to the surface extent thereof and therefore in the lateral direction. As a result of the elastic deformability, the glass panel (33) has a lateral deflectability within a permissible deformation play (s) for absorbing transverse forces (F), wherein lateral deflectability within the permissible deformation play (s) is limited by the support (20).

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Citation (opposition)
Opponent : ThyssenKrupp Elevator AG
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• DE 29815363 U1 20000105 - O & K ROLLTREPPEN GMBH [DE]
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• "Elektronische Komponenten in Glaslaminaten - Entwicklung, Stand und Ausblick", GLAS - ARCHITEKTUR UND TECHNIK, January 2007 (2007-01-01), pages 43 - 45, XP055407383

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