

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

Publication

EP 2935077 A1 20151028 (DE)

Application

EP 13798682 A 20131203

Priority

- EP 12197721 A 20121218
- EP 2013075304 W 20131203
- EP 13798682 A 20131203

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).

IPC 8 full level

B66B 23/22 (2006.01)

CPC (source: CN EP US)

B66B 21/02 (2013.01 - US); **B66B 21/10** (2013.01 - US); **B66B 23/22** (2013.01 - CN EP US); **B66B 19/007** (2013.01 - EP US); **Y10T 29/49718** (2015.01 - EP US)

Citation (search report)

See references of WO 2014095331A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014095331 A1 20140626; AU 2013361924 A1 20150709; AU 2013361924 B2 20170105; CN 104995121 A 20151021; CN 104995121 B 20170718; DK 2935077 T3 20170213; EP 2935077 A1 20151028; EP 2935077 B1 20161109; ES 2614761 T3 20170601; US 2015329328 A1 20151119; US 9481551 B2 20161101

DOCDB simple family (application)

EP 2013075304 W 20131203; AU 2013361924 A 20131203; CN 201380073178 A 20131203; DK 13798682 T 20131203; EP 13798682 A 20131203; ES 13798682 T 20131203; US 201314652476 A 20131203