

Title (en)

HAND RAIL AND GUIDE RAIL FOR A PASSENGER CONVEYANCE SYSTEM

Title (de)

HANDLAUF UND FÜHRUNGSSCHIENE FÜR EINE PERSONENBEFÖRDERUNGSANLAGE

Title (fr)

MAIN COURANTE ET RAIL DE GUIDAGE POUR SYSTEME DE TRANSPORT DE PERSONNES

Publication

EP 1799605 A1 20070627 (DE)

Application

EP 05788977 A 20050830

Priority

- EP 2005009331 W 20050830
- DE 102004044951 A 20040916

Abstract (en)

[origin: WO2006029706A1] The invention relates to a hand rail for an escalator or a moving walkway, comprising a flexible base body (1) with two lateral lips (2a, 2b) that wrap around a guide rail (4). The respective ends of the lateral lips are provided with a bulge (6a, 6b), which engages in a corresponding guide groove (8a, 8b) of the guide rail (4), thus securing the hand rail against lateral slippage. The invention also relates to a corresponding guide rail (4), which is equipped with a guide groove (8a, 8b) for guiding the lateral lips of the hand rail.

IPC 8 full level

B66B 23/24 (2006.01); **B66B 23/14** (2006.01)

CPC (source: EP US)

B66B 23/14 (2013.01 - EP US); **B66B 23/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2006029706A1

Cited by

WO2023001537A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004044951 A1 20060323; **DE 102004044951 B4 20170504**; CA 2580699 A1 20060323; CA 2580699 C 20120103; CN 101048335 A 20071003; DE 502005007718 D1 20090827; EP 1799605 A1 20070627; EP 1799605 B1 20090715; ES 2326329 T3 20091007; US 2009071798 A1 20090319; US 7802670 B2 20100928; WO 2006029706 A1 20060323

DOCDB simple family (application)

DE 102004044951 A 20040916; CA 2580699 A 20050830; CN 200580031338 A 20050830; DE 502005007718 T 20050830; EP 05788977 A 20050830; EP 2005009331 W 20050830; ES 05788977 T 20050830; US 66301205 A 20050830