

Title (en)
TRAVELATOR, MOVING RAMP OR ESCALATOR

Title (de)
FAHRSTEIG, FAHRRAMPE ODER AUFZUG

Title (fr)
TROTTOIR ROULANT, TROTTOIR ROULANT EN RAMPE, OU ESCALIER MECANIQUE

Publication
EP 1732835 A2 20061220 (EN)

Application
EP 05729142 A 20050329

Priority
• FI 2005000165 W 20050329
• FI 20040520 A 20040408

Abstract (en)
[origin: WO2005097650A2] A travelator, moving ramp or escalator for transporting people, comprising a people mover (1) for supporting and transporting people. A balustrade (2) extends alongside the people mover throughout its length. The balustrade (2) comprises a handrail belt (3) implemented as an endless loop and having an upper handhold portion (4) that the passenger can grasp with a hand for support and a lower return portion (5). A drive means (6) for moving the handrail belt comprises a drive pulley (7) mounted with bearings at the end of the balustrade so as to be rotatable about a first axis (8) of rotation, over which drive pulley the handrail belt is bent by about 180[°] between the handhold portion (4) and the return portion (5), and a power means (9) having a drive shaft (11) rotating about a second axis (10) of rotation to impart rotation to the drive pulley. The first axis (8) of rotation and the second axis (10) of rotation coincide coaxially.

IPC 8 full level
B66B 23/04 (2006.01)

IPC 8 main group level
B66B (2006.01)

CPC (source: EP)
B66B 23/04 (2013.01)

Citation (search report)
See references of WO 2005097650A2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 2005097650 A2 20051020; WO 2005097650 A3 20060126; EP 1732835 A2 20061220; EP 1732835 B1 20130515;
FI 20040520 A0 20040408; FI 20040520 A 20051009

DOCDB simple family (application)
FI 2005000165 W 20050329; EP 05729142 A 20050329; FI 20040520 A 20040408