

Title (en)
Control apparatus for passenger conveyor and passenger detecting device

Title (de)
Fahrsteigsteuerung und Fahrgastendetektor

Title (fr)
Controlleur d'escalator et detecteur de passagers

Publication
EP 1403205 A1 20040331 (EN)

Application
EP 03026700 A 19990517

Priority
EP 99919616 A 19990517

Abstract (en)
A controller of a passenger conveyor comprising passenger sensor (4) provided preferably on both left and right handrails and adapted to monitor separately whether or not any passenger is present in either of first zones (41) on both entrance and exit sides including the floor plates (5) of the entrance and exit of the passenger conveyor and whether or not any passenger is present in either of second zones (42) outside adjacent to the first zones on both the entrance and exit sides and a mode changing circuit for changing the operation mode of a controller main body, when the controller main body is in a waiting mode in which the passenger conveyor is stopped and is waiting, to an intermediate mode when a passenger is detected in either of the second zones, and when the controller main body is in the intermediate mode, to a conveying mode in which the passenger conveyor is operating to convey passengers when a passenger is present in the first zone of the entrance side, or to a warning mode in which it is reported that the direction of conveyance is opposite when a passenger is detected in the first zone on the exit side.

IPC 1-7
B66B 25/00; **B66B 29/00**

IPC 8 full level
B66B 25/00 (2006.01); **B66B 29/00** (2006.01)

CPC (source: EP)
B66B 25/00 (2013.01); **B66B 29/005** (2013.01)

Citation (search report)

- [Y] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 361 (M - 1006) 6 August 1990 (1990-08-06)
- [XD] PATENT ABSTRACTS OF JAPAN vol. 018, no. 352 (M - 1631) 4 July 1994 (1994-07-04)

Designated contracting state (EPC)
AT DE FR NL

DOCDB simple family (publication)
EP 1403205 A1 20040331; **EP 1403205 B1 20060322**; AT E321003 T1 20060415

DOCDB simple family (application)
EP 03026700 A 19990517; AT 03026700 T 19990517