

Title (en)  
CONVEYOR

Title (de)  
FÖRDEREINRICHTUNG

Title (fr)  
TRANSPORTEUR

Publication  
**EP 1670712 B1 20110803 (EN)**

Application  
**EP 04773717 A 20041004**

Priority  
• JP 2004014983 W 20041004  
• JP 2003352490 A 20031010

Abstract (en)  
[origin: WO2005035423A1] Primary passenger sensors are installed in outer decks near the entrance/exit of a pair of balustrades such that the sensor output surfaces point in the direction in which passengers enter, and primary passenger sensors are installed in inner decks near the entrance/exit of the pair of balustrades such that the sensor output surfaces are rotated inward to make a predetermined angle with the direction in which passengers enter, thereby forming a sensing range having a width substantially equal to a spacing W between the pair of balustrades, and a length falling within a predetermined distance from the entrance/exit. By sensing the presence/absence of a passenger within this sensing range, an automatic operation can be performed by accurately sensing only persons who use a conveyor by these sensors.

IPC 8 full level  
**B66B 25/00** (2006.01); **B66B 27/00** (2006.01); **B66B 29/00** (2006.01); **B66B 31/00** (2006.01)

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

Cited by  
EP4151582A1; US11993486B2

Designated contracting state (EPC)  
DE FI FR GB

DOCDB simple family (publication)  
**WO 2005035423 A1 20050421**; CN 100546898 C 20091007; CN 1867512 A 20061122; EP 1670712 A1 20060621; EP 1670712 B1 20110803; JP 2005112616 A 20050428; JP 4353763 B2 20091028; MY 149407 A 20130830; TW 200519027 A 20050616; TW I291935 B 20080101

DOCDB simple family (application)  
**JP 2004014983 W 20041004**; CN 200480029645 A 20041004; EP 04773717 A 20041004; JP 2003352490 A 20031010; MY PI20044097 A 20041006; TW 93130282 A 20041006