

Title (en)  
PASSENGER CONVEYOR

Title (de)  
PERSONENBEFÖRDERUNGSEINRICHTUNG

Title (fr)  
CONVOYEUR DE PASSAGERS

Publication  
**EP 2045203 A4 20140101 (EN)**

Application  
**EP 06781522 A 20060725**

Priority  
JP 2006314610 W 20060725

Abstract (en)  
[origin: EP2045203A1] A passenger conveyor includes: a plurality of steps that have step rollers; guide rails that guide the step rollers; and an abnormality detecting apparatus that detects separation of the step rollers from the guide rails. The steps are moved through an endless cyclic pathway. The cyclic pathway has: a forward pathway; and a return pathway that is positioned below the forward pathway. The return pathway has a return path switchover portion in which adjacent steps are displaced vertically relative to each other while being moved. The abnormality detecting apparatus detects the separation of the step roller from the guide rail as the steps are being moved through the return path switchover portion.

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

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

Citation (search report)

- [A] JP S5443799 U 19790326
- See references of WO 2008012866A1

Cited by  
JP2012250834A; CN107792769A; JP2021091521A

Designated contracting state (EPC)  
DE NL

DOCDB simple family (publication)  
**EP 2045203 A1 20090408; EP 2045203 A4 20140101**; JP WO2008012866 A1 20091217; WO 2008012866 A1 20080131

DOCDB simple family (application)  
**EP 06781522 A 20060725**; JP 2006314610 W 20060725; JP 2007526085 A 20060725