

Title (en)
MAN CONVEYOR CONTROLLER, AND MAN CONVEYOR

Title (de)
STEUERUNG FÜR PERSONENBEFÖRDERUNGSEINRICHTUNG UND PERSONENBEFÖRDERUNGSEINRICHTUNG

Title (fr)
UNITE DE COMMANDE POUR TAPIS ROULANT DE TRANSPORT DE PERSONNES, ET TAPIS ROULANT DE TRANSPORT DE PERSONNES

Publication
EP 1394097 B1 20171220 (EN)

Application
EP 01941256 A 20010626

Priority
• JP 0105459 W 20010626
• JP 2001012784 A 20010122

Abstract (en)
[origin: EP1394097A1] When switching of a passenger conveyor from low-speed operation to high-speed operation is effected, a drive motor (2) connected to conversion device (1) connected to utility power (R, S, T) is disconnected from the conversion device (1). Subsequently, when a residual voltage of the motor (2) has dropped, the motor (2) is connected directly to the utility power (R, S, T). Even when switching from high-speed operation to low-speed operation is effected, the motor (2) connected directly to the utility power (R, S, T) is disconnected from the utility power (R, S, T). Subsequently, while the residual voltage of the motor (2) has dropped, the motor (2) is connected directly to the conversion device (1). As a result, switching between low-speed operation and high-speed operation can be effected without involvement of switching shock or noise and by means of a low-cost configuration. <IMAGE>

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

CPC (source: EP KR)
B66B 25/00 (2013.01 - EP KR)

Cited by
EP2743228A1; US2014166434A1; US9120647B2; US8384337B2; US10399823B2; WO2017036509A1; WO2009112629A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1394097 A1 20040303; EP 1394097 A4 20070321; EP 1394097 B1 20171220; CN 1247434 C 20060329; CN 1430575 A 20030716; JP 2002211865 A 20020731; JP 4757390 B2 20110824; KR 100508323 B1 20050817; KR 20020086659 A 20021118; TW 504486 B 20021001; WO 02057174 A1 20020725

DOCDB simple family (application)
EP 01941256 A 20010626; CN 01810004 A 20010626; JP 0105459 W 20010626; JP 2001012784 A 20010122; KR 20027012322 A 20020918; TW 90114805 A 20010619