

Title (en)

HIGH-SPEED ESCALATOR FOR SLOPED PART

Title (de)

HOCHGESCHWINDIGKEITSAUFZUG FÜR GENEIGTEN TEIL

Title (fr)

ESCALIER ROULANT GRANDE VITESSE POUR PARTIE INCLINÉE

Publication

EP 1571114 A4 20100908 (EN)

Application

EP 02788796 A 20021211

Priority

JP 0212972 W 20021211

Abstract (en)

[origin: EP1571114A1] When a step (5) passes through the reversing section F, it moves with a first link (21) and a second link (22) being folded and extended, whereby even if a driving-roller guide track is a simple circular arc, the movement trajectory of a driving roller (11) can be kept within the bounds of the driving-roller guide track, and smooth reversing operation can be achieved. <IMAGE>

IPC 1-7

B66B 21/02; **B66B 23/14**

IPC 8 full level

B66B 21/02 (2006.01); **B66B 23/14** (2006.01)

CPC (source: EP)

B66B 21/02 (2013.01); **B66B 23/147** (2013.01)

Citation (search report)

- [IY] US 1071529 A 19130826 - SEEBERGER CHARLES D [US]
- [Y] JP 2002326780 A 20021112 - MITSUBISHI ELECTRIC CORP
- [Y] JP S51116586 A 19761014 - HITACHI LTD
- See references of WO 2004052768A1

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US10577223B2

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1571114 A1 20050907; **EP 1571114 A4 20100908**; **EP 1571114 B1 20120711**; **EP 1571114 B8 20120822**; CN 100400405 C 20080709; CN 1668524 A 20050914; JP 4257996 B2 20090430; JP WO2004052768 A1 20060406; WO 2004052768 A1 20040624

DOCDB simple family (application)

EP 02788796 A 20021211; CN 02829596 A 20021211; JP 0212972 W 20021211; JP 2004536350 A 20021211