

Title (en)
Escalator or moving walkway

Title (de)
Personenbeförderungsanlage, insbesondere Fahrtreppe oder Fahrsteig

Title (fr)
Escalier mécanique ou trottoir roulant

Publication
EP 1777192 A1 20070425 (DE)

Application
EP 06122468 A 20061017

Priority
• EP 05109858 A 20051021
• EP 06122468 A 20061017

Abstract (en)
The escalator has a revolving belt (10) with master and slave control units (60, 30) and a drive station (20). The slave control unit has a first conductor plate (40) with a first set of electronic components for transmitting to the master control unit data relating to the function of the escalator whilst the master control unit has a second conductor plate (70) of identical structure with electronic components to evaluate data and control the escalator. The two sets of electronic components can also be identical. The conductor plates can have switches and can be configured as a master control unit or slave control unit depending on the position of the switch.

IPC 8 full level
B66B 25/00 (2006.01)

CPC (source: EP KR US)
B66B 23/02 (2013.01 - KR); **B66B 25/00** (2013.01 - EP KR US)

Citation (search report)
• [Y] EP 0780337 A2 19970625 - OTIS ELEVATOR CO [US]
• [Y] US 2003153988 A1 20030814 - SHEPARD RUSTY [US], et al
• [A] US 4600865 A 19860715 - CAPUTO WILLIAM R [US]

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CN103754743A; WO2016074997A1; WO2017016905A1; US2018215589A1; US10189681B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1777192 A1 20070425; EP 1777192 B1 20100324; AT E461905 T1 20100415; AU 2006230735 A1 20070510; AU 2006230735 B2 20110630; BR PI0604328 A 20070821; BR PI0604328 B1 20180206; CA 2564583 A1 20070421; CA 2564583 C 20140429; CN 1951795 A 20070425; CN 1951795 B 20100512; DE 502006006499 D1 20100506; ES 2342725 T3 20100713; HK 1102802 A1 20071207; IL 178466 A0 20070515; IL 178466 A 20110531; JP 2007112628 A 20070510; JP 5207340 B2 20130612; KR 101307684 B1 20130912; KR 20070043623 A 20070425; MX PA06012074 A 20071213; PL 1777192 T3 20100831; RU 2006137210 A 20080427; RU 2410322 C2 20110127; SG 131884 A1 20070528; UA 91829 C2 20100910; US 2007220329 A1 20070920; US 7574271 B2 20090811; ZA 200608647 B 20080528

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EP 06122468 A 20061017; AT 06122468 T 20061017; AU 2006230735 A 20061020; BR PI0604328 A 20061020; CA 2564583 A 20061019; CN 200610135959 A 20061016; DE 502006006499 T 20061017; ES 06122468 T 20061017; HK 07110150 A 20070918; IL 17846606 A 20061005; JP 2006278343 A 20061012; KR 20060101492 A 20061018; MX PA06012074 A 20061019; PL 06122468 T 20061017; RU 2006137210 A 20061020; SG 2006071641 A 20061013; UA A200611056 A 20061019; US 58465606 A 20061020; ZA 200608647 A 20061017