

Title (en)
SLOPED PART HIGH-SPEED ESCALATOR

Title (de)
HOCHGESCHWINDIGKEITSFAHRTREPPE MIT GENEIGTEM TEIL

Title (fr)
ESCALIER MECANIQUE A GRANDE VITESSE, A PARTIE INCLINEE

Publication
EP 1468952 A4 20070509 (EN)

Application
EP 02790779 A 20021216

Priority
• JP 0213129 W 20021216
• JP 2002012174 A 20020121

Abstract (en)
[origin: EP1468952A1] In a high-speed inclined portion escalator, a traveling speed of steps in an intermediate inclined portion is set so as to be faster than a traveling speed of the steps in an upper landing portion and a lower landing portion. A riser protrudes outward toward an adjacent step on a downstairs side in the intermediate inclined portion so as to form an obtuse angle relative to a tread of the adjacent step. A plurality of riser cleats are disposed on a surface of the riser. A plurality of protruding portions inserted into the riser cleats are disposed on an edge portion of the tread. An end surface of the protruding portions facing a bottom surface of the riser cleats forms an acute angle relative to the tread. <IMAGE>

IPC 1-7
B66B 21/02; **B66B 23/12**

IPC 8 full level
B66B 21/02 (2006.01); **B66B 21/12** (2006.01); **B66B 23/12** (2006.01)

CPC (source: EP)
B66B 21/025 (2013.01); **B66B 23/12** (2013.01)

Citation (search report)
• [X] EP 0243572 A1 19871104 - INVENTIO AG [CH]
• [X] DE 4101111 A1 19910718 - MITSUBISHI ELECTRIC CORP [JP]
• [A] JP H0459590 A 19920226 - TOSHIBA CORP
• See references of WO 03062121A1

Designated contracting state (EPC)
AT DE FR NL

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