

Title (en)
Balustrades for an escalator

Title (de)
Geländer für Fahrtreppe

Title (fr)
Balustrades pour escalier roulant

Publication
EP 1101724 B1 20050316 (EN)

Application
EP 00124229 A 20001109

Priority
JP 32569199 A 19991116

Abstract (en)
[origin: EP1101724A2] In order to provide an escalator having an extended space (100) between the balustrades (7) is provided, balustrades are arranged outside the machine room (1), and a handrail support portion (8) is provided on the side surface of the upper end portion of the balustrade which is arranged so as to, for example, tilt or curve toward the step side from the upper portion of the machine room or so as to vertically stand, and an upper-line track of the handrail is arranged in the top end portion of the support portion. Further, in a mechanism for guiding and moving an endlessly connected handrail (9), the handrail transport roller (13) is arranged in the outer side and the driving unit of the transfer roller is arranged in the step side. By doing so, by making use of a space produced in the machine room, the step tread portion and the riser portion of the step can be extended in the width direction. <IMAGE>

IPC 1-7
B66B 23/22

IPC 8 full level
B66B 23/04 (2006.01); **B66B 23/22** (2006.01)

CPC (source: EP)
B66B 23/04 (2013.01); **B66B 23/22** (2013.01)

Cited by
CN108502692A

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 1101724 A2 20010523; EP 1101724 A3 20021030; EP 1101724 B1 20050316; CN 1174911 C 20041110; CN 1295968 A 20010523; DE 60018680 D1 20050421; DE 60018680 T2 20060323; HK 1036264 A1 20011228; JP 2001139273 A 20010522; SG 91307 A1 20020917; TW M245202 U 20041001

DOCDB simple family (application)
EP 00124229 A 20001109; CN 00132949 A 20001116; DE 60018680 T 20001109; HK 01106742 A 20010925; JP 32569199 A 19991116; SG 200006434 A 20001108; TW 92215382 U 20001019