

Title (en)
Step passage handrail afixed on the balustrade of a parallel running escalator

Title (de)
Treppen-Handlauf an der Balustrade einer parallel geführten Fahrtreppe

Title (fr)
Rampe d'escalier montée sur la balustrade d'un escalier roulant parallèle

Publication
EP 1134177 A3 20020508 (EN)

Application
EP 00127108 A 20001211

Priority
JP 2000068613 A 20000308

Abstract (en)
[origin: EP1134177A2] In order to provide a step passage facilities which does not degrade safety of a walker by providing a passenger conveyer in parallel with the step passage facilities, a handrail 14, 17, 18 for a walker supported to the outside of the balustrade 7a of the passenger conveyer 4 is installed to be longer than the balustrade 7a of the passenger conveyer, and a start and an end edges of the handrail for the walker is supported on the horizontal parts 9, 10 of the main frame 5 of the passenger conveyer <IMAGE>

IPC 1-7
B66B 23/22

IPC 8 full level
E04F 11/18 (2006.01); **B66B 23/00** (2006.01); **B66B 23/22** (2006.01)

CPC (source: EP)
B66B 23/00 (2013.01)

Citation (search report)
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)
• [DX] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 10 30 November 1995 (1995-11-30)
• [PX] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12 3 January 2001 (2001-01-03)
• [DA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 544 (M - 1688) 18 October 1994 (1994-10-18)

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EP 1134177 A2 20010919; EP 1134177 A3 20020508; EP 1134177 B1 20040915; CN 1149173 C 20040512; CN 1312214 A 20010912;
DE 60013762 D1 20041021; DE 60013762 T2 20050929; HK 1037356 A1 20020208; JP 2001253675 A 20010918; JP 3435382 B2 20030811;
TW M245203 U 20041001

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