

Title (en)

ESCALATOR STEP AND ESCALATOR WITH THE SAME

Title (de)

ROLLTREPPENSTUFE UND ROLLTREPPE DAMIT

Title (fr)

MARCHE D'ESCALIER MECANIQUE ET ESCALIER MECANIQUE EQUIPE DE LA MARCHE

Publication

**EP 2003083 A4 20180124 (EN)**

Application

**EP 06731020 A 20060403**

Priority

JP 2006307072 W 20060403

Abstract (en)

[origin: EP2003083A2] There is provided an escalator step in which a riser can have a unique appearance, and predetermined strength and rigidity can be secured, and an escalator fitted with this step. For this purpose, a metallic reinforcing member formed with an opening is provided between brackets provided at both sides under a step tread to support the step tread from the downside, and a fiber-reinforced plastic made riser having predetermined translucency is fixed to the metallic reinforcing member so as to cover the opening. Some of light passing through the opening of the metallic reinforcing member is transmitted from the back surface side to the front surface side of the riser.

IPC 8 full level

**B66B 23/12** (2006.01); **B66B 31/00** (2006.01)

CPC (source: EP KR)

**B66B 23/08** (2013.01 - KR); **B66B 23/12** (2013.01 - EP KR)

Citation (search report)

- [I] JP S61248892 A 19861106 - MITSUBISHI ELECTRIC CORP
- [I] JP S61295987 A 19861226 - MITSUBISHI ELECTRIC CORP
- [I] WO 9222491 A1 19921223 - JONES GRAHAM HENRY [GB], et al
- [A] US 5411127 A 19950502 - FINDLAY ALEXANDER [NZ]

Citation (examination)

JP 2004359397 A 20041224 - MITSUBISHI ELECTRIC CORP

Cited by

CN104071660A; EP2537792A3; ES2411982R1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

**EP 2003083 A2 20081217**; **EP 2003083 A4 20180124**; **EP 2003083 A9 20090408**; CN 101163637 A 20080416; CN 101163637 B 20110406; JP 5076905 B2 20121121; JP WO2007113897 A1 20090813; KR 100955562 B1 20100430; KR 20080003772 A 20080108; WO 2007113897 A1 20071011

DOCDB simple family (application)

**EP 06731020 A 20060403**; CN 200680012995 A 20060403; JP 2006307072 W 20060403; JP 2007545773 A 20060403; KR 20077017737 A 20060403