

Title (en)

HANDRAIL FOR ESCALATORS, MOVING SIDEWALKS AND THE LIKE AND PROCESS FOR ITS MANUFACTURE.

Title (de)

HANDLAUF FÜR ROLLTREPPEN, FAHRSTEIGE UND DERGLEICHEN SOWIE VERFAHREN ZU SEINER HERSTELLUNG.

Title (fr)

MAIN COURANTE POUR ESCALIERS, TROTTOIRS ROULANTS ET SIMILAIRES ET SON PROCEDE DE PRODUCTION.

Publication

EP 0491725 B1 19940518

Application

EP 90912644 A 19900827

Priority

- DE 3930351 A 19890912
- DE 9000656 W 19900827

Abstract (en)

[origin: WO9104219A1] Handrails for escalators, moving sidewalks and the like consist of an endless, flexible strip (1) with a grip region (2) and guide regions (4) which slide during operation on a stationary track, and steel cables embedded in the strip (1) to act as pulling supports. In order to manufacture the handrails more simply and cheaply, the strip (1) is divided longitudinally into individual closely successive segments (5, 6, 7) with the segments shaped solidly around the steel cables (3). The segments may be shaped by injection moulding a thermoplastic elastomer around the steel cables (3).

IPC 1-7

B66B 23/24

IPC 8 full level

B66B 23/24 (2006.01)

CPC (source: EP US)

B66B 23/24 (2013.01 - EP US)

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

WO 9104219 A1 19910404; AT E105829 T1 19940615; CA 2067350 A1 19910313; DE 3930351 A1 19910321; DE 3930351 C2 19920430; DE 59005770 D1 19940623; EP 0491725 A1 19920701; EP 0491725 B1 19940518; ES 2056477 T3 19941001; US 5275270 A 19940104

DOCDB simple family (application)

DE 9000656 W 19900827; AT 90912644 T 19900827; CA 2067350 A 19900827; DE 3930351 A 19890912; DE 59005770 T 19900827; EP 90912644 A 19900827; ES 90912644 T 19900827; US 83840492 A 19920311