

Title (en)

HANDRAIL FOR MOVING WALKWAYS, ESCALATORS AND THE LIKE

Title (de)

HANDLAUF FÜR FAHRSTEIGE, FAHRTREPPEN UND DERGLEICHEN

Title (fr)

MAIN COURANTE POUR TROTTOIRS ROULANTS, ESCALIERS ROULANTS ET SIMILAIRES

Publication

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Application

EP 09724778 A 20090323

Priority

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Abstract (en)

[origin: WO2009118284A1] Handrail which can be mounted on a guide element and which is intended for moving walkways, escalators or the like, in which an inner sliding surface (2) of the handrail (1) is supported such that it can slide or roll on the guide element (3), said handrail having laterally bent edges (4) which engage around laterally projecting ribs (5) of the guide element (3), which are straight or inclined by an angle α or upwardly bent, to such an extent that the ends (6) of the bent edges (4) are situated at a clear distance C from one another and each at a distance - (C1 or C2) - from the guide base (7) of the guide element (3), characterized in that the clear distance C between the ends (6) of the bent edges (4) of the handrail (1) corresponds to the total gap size C1 + C2 plus a width X of the guide base (7) at the relevant point and is chosen such that, taking into account the tolerances of the width X of the guide base (7) and the shrinkage and warpage phenomena which result during the operation of the handrail (1), the total gap size C1 + C2 does not exceed 8 mm, while a clear width A of the bent edges (4) is chosen to be greater, by a total gap size A1 + A2, than the width Y of the guide element (3) at the ends (8) of the laterally projecting ribs (5) such that, taking into account the tolerances of the width (Y) of the guide element (3) at the ends (8) of the ribs (5) and the shrinkage and warpage phenomena which result during the operation of the handrail (1), the total gap size A1 + A2 does not exceed 8 mm.

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