

Title (en)

Step element for moving walkway or escalator

Title (de)

Trittelement für Fahrsteig oder -treppe

Title (fr)

Élément de marche pour trottoir roulant ou escalier roulant

Publication

EP 0449780 B1 19960529 (DE)

Application

EP 91810207 A 19910322

Priority

- CH 2691 A 19910107
- CH 100790 A 19900328

Abstract (en)

[origin: EP0449780A2] So that a reliable connection between marginal strips (3), inserted into the step plate (2) of a step element, and the step plate (2) can be produced in a simple manner by the diecasting process, the marginal strips (3) each have a tongue (6, 7) on their underside at least along their two longitudinal edges. The cross-sections of the two tongues (6, 7) have the shape of a parallelogram with angles identical to one another or of a trapezium and engage like a tongue-and-groove joint in corresponding grooves (8, 9) in the step plate (2). Furthermore, these marginal strips (3) are also provided on their underside with at least two integrally cast locking pins (10) extending downwards and through the adjoining step plate (2). One clamping ring (11) each, supported in a flexible manner on the underside of the step plate 2, is firmly clamped to the free ends of the locking pins (10), which free ends project downwards out of the step plate (2). <IMAGE>

IPC 1-7

B66B 23/12

IPC 8 full level

B66B 23/12 (2006.01)

CPC (source: EP KR US)

B66B 23/00 (2013.01 - KR); **B66B 23/12** (2013.01 - EP US)

Cited by

EP0603643A1; EP0808792A3; US9718647B2

Designated contracting state (EPC)

AT BE DE DK ES FR GB GR IT LU NL SE

DOCDB simple family (publication)

EP 0449780 A2 19911002; EP 0449780 A3 19920610; EP 0449780 B1 19960529; AT E138623 T1 19960615; CN 1032580 C 19960821; CN 1056848 A 19911211; DE 59107854 D1 19960704; DK 0449780 T3 19961014; ES 2090284 T3 19961016; GR 3020880 T3 19961130; JP H08319080 A 19961203; KR 910016610 A 19911105; RU 2036831 C1 19950609; US 5150780 A 19920929

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