

Title (en)

CLEANING ARRANGEMENT FOR THE STEPS OF AN ESCALATOR

Publication

**EP 0405142 B1 19930728 (DE)**

Application

**EP 90109926 A 19900525**

Priority

CH 244989 A 19890630

Abstract (en)

[origin: US5042641A] An apparatus for cleaning escalator steps having grooved front surfaces cleans during the operation of the escalator. A brush extending across the entire width of each step is positioned under the rear edge of the tread. The bristles of the brush press against the front surface of the adjacent step when the steps are in predetermined regions of the escalator. The relative motion of the steps as they move from the horizontal to the inclined and back to the horizontal regions creates a relative vertical motion between the brush and the front surface for the cleaning of the front surface. The front surface thus is cleaned twice per revolution of the step conveyor by being moved against the brush bristles, once from top to bottom and once from bottom to top, practically across the entire height of the step.

IPC 1-7

**B66B 31/00**

IPC 8 full level

**B66B 31/00** (2006.01)

CPC (source: EP US)

**B66B 31/003** (2013.01 - EP US)

Cited by

EP0610579A1; CN105540402A

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

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**EP 0405142 A1 19910102; EP 0405142 B1 19930728**; AT E92007 T1 19930815; DE 59002080 D1 19930902; ES 2045644 T3 19940116; US 5042641 A 19910827

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