

Title (en)  
Escalator step

Title (de)  
Fahrtreppenstufe

Title (fr)  
Marche d'escalier roulant

Publication  
**EP 1106562 A1 20010613 (DE)**

Application  
**EP 00126158 A 20001130**

Priority  
• EP 00126158 A 20001130  
• EP 99811109 A 19991202

Abstract (en)  
The escalator step (1), made of fiber-reinforced plastic, is designed for stability with resistance to bending under load. The step has at least one discrete support bearing (14), by which the step is positively connected to a connecting axis (8) fitted to the step chain. The bearing may have a boring acting as a bearing to receive the connecting axle.

Abstract (de)  
Diese vorzugsweise aus faserverstärktem Kunststoff bestehende Fahrtreppenstufe (1) weist eine verbesserte Stabilität bzw. verminderte Biegebungsbeanspruchung bei Belastung auf. Zu diesem Zweck ist an der Fahrtreppenstufe (1) mindestens ein Stützlager (14) vorgesehen, über welches die Fahrtreppenstufe (1) mit einer an Stufenketten (11) angebrachten Verbindungsachse (8) formschlüssig verbunden ist. <IMAGE>

IPC 1-7  
**B66B 23/12**

IPC 8 full level  
**B66B 23/12** (2006.01)

CPC (source: EP)  
**B66B 23/12** (2013.01)

Citation (search report)  
• [XY] GB 499282 A 19390120 - WESTINGHOUSE ELECTRIC & MFG CO  
• [XY] EP 0490591 A2 19920617 - OTIS ELEVATOR CO [US]  
• [X] DE 2518440 A1 19761104 - LANDSCHULZE ERNST AUGUST  
• [XD] WO 9523758 A1 19950908 - OTIS ELEVATOR CO [US]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 057 (M - 1080) 12 February 1991 (1991-02-12)

Cited by  
DE102009033819A1; WO2011009521A1; CN102471035A; DE102009033819B4; US8528716B2

Designated contracting state (EPC)  
AT CH DE FR GB LI

DOCDB simple family (publication)  
**EP 1106562 A1 20010613**

DOCDB simple family (application)  
**EP 00126158 A 20001130**