

Title (en)

BRAKING DEVICE AND METHOD FOR BRAKING ESCALATORS OR MOVING WALKWAYS

Title (de)

BREMSEINRICHTUNG UND VERFAHREN ZUM ABBREMSEN VON ROLLTREPPEN BZW. ROLLSTEIGEN

Title (fr)

DISPOSITIF DE FREINAGE ET PROCEDE POUR FREINER DES ESCALIERS OU DES TROTTOIRS ROULANTS

Publication

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Application

**EP 99906137 A 19990116**

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Abstract (en)

[origin: US6273234B1] The invention relates to a method for load-independently braking the step or pallet belt of an escalator or a moving walkway. According to said method, the activation of at least one safety element triggers at least one frequency converter in such a way as to activate a time-dependent braking ramp, said frequency converter interacting with the drive motor. The braking ramp then slows down the step or pallet belt to 0 m/s with essentially constant deceleration.

IPC 1-7

**B66D 5/30**; **B66B 25/00**; **B66B 29/00**

IPC 8 full level

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**US 6273234 B1 20010814**; AT E215512 T1 20020415; CN 1116219 C 20030730; CN 1288440 A 20010321; DE 19803899 A1 19990812; DE 19803899 C2 20000413; DE 59901115 D1 20020508; EP 1053206 A1 20001122; EP 1053206 B1 20020403; HK 1033663 A1 20010914; JP 2002501870 A 20020122; JP 3629207 B2 20050316; WO 9938792 A1 19990805

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