

Title (en)
Escalator with service brake

Title (de)
Fahrtreppe mit Betriebsbremse

Title (fr)
Escalier roulant avec frein de service

Publication
EP 0919507 B1 20051116 (DE)

Application
EP 98119232 A 19981012

Priority
DE 29719565 U 19971104

Abstract (en)
[origin: EP0919507A2] The brake (1) ensures a brake force can be applied to the motor shaft (2) and/or a brake movement can be applied to a shaft coupled with the stepped belt. The brake moment of the operating brake can be varied at least during a time interval in the course of braking. The operating brake is preferably designed so that the brake moment is set to a predetermined starting value and then during operation of the brake increases as time progresses. The brake moment can be applied to the motor shaft by a main spring unit (13) whilst a secondary spring unit (17) is used to reduce the brake moment produced by the main spring unit. A damper (18) is connected in series with the secondary spring unit.

IPC 1-7
B66B 23/02; B66B 29/00; B66D 5/08

IPC 8 full level
B66B 23/02 (2006.01)

CPC (source: EP)
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