

Title (en)

Double action emergency braking system for elevators

Title (de)

Aufzugsnotbremsvorrichtung mit doppelter Wirkung

Title (fr)

Dispositif d'arrêt d'urgence à double action, pour ascenseur

Publication

**EP 1013595 A2 20000628 (EN)**

Application

**EP 99500246 A 19991222**

Priority

ES 9802662 A 19981222

Abstract (en)

Double action emergency braking system for elevators which performs permanent control of the motion of the elevator, in either of its directions of motion, upwards and downwards, by incorporating a parachute in each guide rail, installed in a block (1) which houses both a knurled brake shoe (2) for progressive braking of guide rail (4) by the pressure applied by a double roller train (5) actuated by double-sloped, upwards and downwards wedge (6), the braking effort being regulated (8), which catches guide rail (4) between the brake shoe (2) and one of the rollers (3) of train (5).  
<IMAGE>

IPC 1-7

**B66B 5/16**

IPC 8 full level

**B66B 5/16** (2006.01); **B66B 5/22** (2006.01)

CPC (source: EP)

**B66B 5/16** (2013.01); **B66B 5/22** (2013.01)

Cited by

DE102006043890A1; KR20210123754A; US2022250873A1; AT501415A1; AT501415B1; EP2275377A1; EP1735231A4; US8573365B2; EP3286123B1

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