

Title (en)

PROGRESSIVELY ACTING HAULING DEVICE FOR SKI-LIFTS, WITH CENTRIFUGAL BRAKE

Publication

EP 0135239 B1 19900404 (EN)

Application

EP 84201262 A 19840903

Priority

IT 2299483 U 19830916

Abstract (en)

[origin: EP0135239A2] A hauling device (10) for ski-lifts, equipped with a winding drum (15) for a rope (12), subjected to the recall action by a recall spring and with a centrifugal brake, comprises as the centrifugal brake at least a shoe (21) swingingly assembled on the drum (15), and intended for cooperating with the inside cylindrical surface (26) of a casing (11) which encloses the drum, the centrifugal brake, and the recall spring. The shoe (21) consists of a body moulded from plastic material, incorporating a metal mass (27), and is provided with a gasket (32) of self lubricating plastic material. The gasket (32) can be clutched on the body of shoe (21), and, in order to avoiding hydrodynamic lubrication effects in the presence of liquid inside the casing (11), the gasket (32) is positioned by engaging a tooth (35) protruding from the shoe (21) inside a groove formed between ribs (33) protruding from the gasket (32), its swinging being allowed around an axis parallel to the rotary axis of the shoe (21).

IPC 1-7

B61B 11/00; **B61B 12/06**; **B61B 12/10**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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Cited by

US8408141B2; US8573132B2; US8474743B2; US8590458B2; US8844446B2; US9463811B2; US8393276B2; US8534196B2; US9333876B2; US7891300B2; US8082853B2; US8991317B2; US9738290B2

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