

Title (en)
Braking apparatus for ascending and descending device

Title (de)
Bremsvorrichtung für Auf/Abseilgerät

Title (fr)
Dispositif de freinage pour appareil de remontée et descente

Publication
EP 0884067 B1 20040121 (DE)

Application
EP 97810359 A 19970609

Priority
EP 97810359 A 19970609

Abstract (en)
[origin: EP0884067A1] A roller (4) has a flyback-block preventing the roller from rotating during lowering. The cable-brake (1) has cable-speed meter (3,16) co-operating with the cable (7) brake (9,10) where the speed-meter comprises a friction wheel (3) frictionally applied to the roller. The cable-speed meters contain a centrifugal unit (16) with a rotary arrangement of weights (26). The weights enclose a rotary core (27) in symmetrical formation, and have radial guides (28), preferably pins, protruding from it and holding the weights radially and movably. The weights are peripherally pre-tensioned against the core by a sprung elastic element (31) preferably in the form of a spiral spring. Couplings (15,32-34) transmit the effect of the centrifugal force on the weights onto the cable-brake.

IPC 1-7
A62B 1/10

IPC 8 full level
A62B 1/10 (2006.01)

CPC (source: EP US)
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