

Title (en)
Security descending device for rope

Title (de)
Sicherheitsabseilvorrichtung

Title (fr)
Descendeur de sécurité pour corde

Publication
EP 0593369 B1 19961218 (FR)

Application
EP 93420383 A 19930924

Priority
FR 9212325 A 19921012

Abstract (en)
[origin: EP0593369A1] The abseil (rope) brake (10) includes a first flange (14) for supporting a pulley (16) and a runner (26), and an additional braking lever (34) mounted with limited pivoting in the vicinity of the pulley (16) between an inactive unlocking position for a first direction of winding of the rope (12) into the passage space (20), and an active blocking position, in which a wedging (camming) surface (38) of the lever (34) presses the rope (12) against the pulley (16). The lever (34) is pivoted into its active position automatically in the event of incorrect winding of the rope in a second direction which is opposite to the first direction, and in the presence of tension in the rope when the abseil brake (10) is under load.
Application: caving, mountaineering, working at great height. <IMAGE>

IPC 1-7
A62B 1/14

IPC 8 full level
A62B 1/14 (2006.01); **A63B 29/02** (2006.01)

CPC (source: EP KR US)
A62B 1/14 (2013.01 - EP US); **A63B 29/02** (2013.01 - KR); **A63B 29/02** (2013.01 - EP US)

Cited by
FR2721523A1; CN103619422A; CN102716554A; EP0688581A1; FR2721522A1; US5577576A; WO2013166846A1

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