

Title (en)

ROPE BRAKE FOR CLIMBERS FOR ARRESTING ROPE FALLS

Title (de)

SEILBREMSE FÜR KLETTERER ZUM AUFFANGEN VON SEILSTÜRZEN

Title (fr)

FREIN À CÂBLE DESTINÉ AUX ALPINISTES SERVANT À ATTRAPER LES CHUTES DE CÂBLE

Publication

EP 3638377 A1 20200422 (DE)

Application

EP 18729924 A 20180604

Priority

- IT 201700067165 A 20170616
- EP 2018064563 W 20180604

Abstract (en)

[origin: WO2018228835A1] The invention relates to a brake device for a rope or the like, comprising a frame (2) for fastening to a climbing wall or the like, wherein a bolt (3) is fastened to the frame, wherein said bolt rotatably bears a pulley (4) which guides a rope (100), wherein a brake (5) is fastened to the frame (2) to the side of the pulley (4), wherein the rope (100) is situated between the brake (5) and the pulley (4). According to the invention, a lug (18) is arranged between the pulley (4) and the brake (5), the lug (18) is rotatably connected to the frame (2), wherein, in a non-braking position, the lug (18) is arranged in front of the brake, and wherein, in a braking position, the lug (18) is situated opposite the brake (5), wherein, in the braking position, the rope (100) is braked between the brake (5) and the lug (18), wherein the travel of the lug (18) is limited by a stop (14), and wherein the brake (5) comprises at least one spring element (8).

IPC 8 full level

A62B 1/10 (2006.01); **A62B 1/14** (2006.01); **A63B 29/02** (2006.01); **B66D 3/10** (2006.01)

CPC (source: EP)

A62B 1/10 (2013.01); **A62B 1/14** (2013.01); **A63B 29/02** (2013.01); **A63B 69/0048** (2013.01)

Citation (search report)

See references of WO 2018228835A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018228835 A1 20181220; EP 3638377 A1 20200422; IT 201700067165 A1 20181216

DOCDB simple family (application)

EP 2018064563 W 20180604; EP 18729924 A 20180604; IT 201700067165 A 20170616