

Title (en)

Descender braking device for rope climbing and descent

Title (de)

Abrutschblockiergerät für das Hoch- und Runterklettern an einem Seil

Title (fr)

Appareil bloqueur descendeur pour la remontée et la descente sur corde

Publication

EP 2399651 B1 20160817 (FR)

Application

EP 11354034 A 20110614

Priority

FR 1002636 A 20100623

Abstract (en)

[origin: EP2399651A1] The apparatus has a body comprising an attachment unit connected to a harness of user, and a blocker device unblocked when loaded. The device is placed at outside of the body and includes a chain of metal links (18) formed by a succession of friction elements (19) articulated with each other by connection rods (21) for forming a series of gaps for zigzag passage of rope (23). Upper part of the chain of links cooperates with a blocking initiating unit i.e. torsion spring (25) of the blocking device.

IPC 8 full level

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

CPC (source: EP US)

A62B 1/14 (2013.01 - EP US); **Y10T 24/39** (2015.01 - EP US); **Y10T 24/398** (2015.01 - EP US)

Citation (examination)

FR 2409765 A1 19790622 - FREDSTAD FINN [NO]

Cited by

GB2531229A; GB2531229B; US2016114199A1; US11198026B2; WO2015025117A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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