

Title (en)
Self-locking abseiling device with disengageable handle

Title (de)
Selbstblockierendes Abseilgerät mit entkoppelbarem Griff

Title (fr)
Descendeur autobloquant à poignée débrayable

Publication
EP 2018894 A1 20090128 (FR)

Application
EP 08354039 A 20080613

Priority
FR 0705481 A 20070726

Abstract (en)
The device (10) has an actuating handle (22) actuating a movable pulley (11) for assuring manual unlocking of a rope in an intermediate position. A mechanical connection mechanism (21) interrupts connection between the pulley and the handle after crossing the position to cause disengagement of the pulley and automatic return of a rotary cam (12) towards a locking position. The mechanism has a selector (29) that is connected to a monostable or bistable operating unit (32) attaining active or inactive position, for preventing or permitting the disengagement of the pulley, respectively.

Abstract (fr)
Descendeur autobloquant comprenant une poulie (11) conformée en came 12 rotative, un patin 15 de freinage, et une poignée 22 d'actionnement d'un mécanisme 21 à liaison mécanique interruptible entre la poulie 11 et la poignée 22 après dépassement d'une position intermédiaire provoquant le débrayage de la poulie 11 et le retour automatique de la came 12 vers une position de blocage. Le mécanisme 21 comporte un sélecteur 29 à bouton-poussoir 30 accouplé à un organe de manoeuvre 32 destiné à occuper une position active ou une position inactive, respectivement pour inhiber ou autoriser ledit débrayage de la poulie 11.

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

CPC (source: EP US)
A62B 1/14 (2013.01 - EP US); **Y10T 24/394** (2015.01 - EP US)

Citation (search report)
[DA] EP 0688581 A1 19951227 - ZEDEL [FR]

Cited by
EP2246100A1; EP3552668A1; EP3056248A1; AU2017376676B2; GB2522179A; GB2522179B; EP3466492A1; IT201700111007A1; FR3080045A1; FR3032354A1; CN106185676A; US11065477B2; WO2019034369A1; US10987526B2; WO2018111676A1; US10716960B2; US11071879B2; DE102020105418A1; EP3552668B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08354039 A 20080613; CN 200810127284 A 20080703; FR 0705481 A 20070726; US 15590008 A 20080611