

Title (en)
Self-locking rope safety device

Title (de)
Selbstblockierende Sicherheitsvorrichtung für ein Seil

Title (fr)
Dispositif d'assurance autobloquant pour corde

Publication
EP 2301631 B1 20180228 (FR)

Application
EP 10354053 A 20100923

Priority
FR 0904593 A 20090925

Abstract (en)
[origin: EP2301631A1] The device has a cam (14) for clamping a rope when the rope is under tension, and a lever (58) acting on the cam to progressively release the rope by manual action on the lever. The lever acts on the cam with a geared-down effect in an initial part of release travel of the lever and with a direct effect in a final part of travel of the lever such that relative displacement of the cam with respect to the lever is smaller in the initial part than in the final part. A support of the lever has a stud (100) placed in a ring (106) having a diameter less than a diameter of the pin.

IPC 8 full level
A62B 1/14 (2006.01)

CPC (source: EP US)
A62B 1/14 (2013.01 - EP US)

Cited by
EP3056248A1; WO2015189066A1; GB2485627A; EP3124081A3; FR3039410A1; FR3022232A1; AU2015273802B2; EP3124081A2; EP3141285A1; US10245452B2; US10716960B2

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2301631 A1 20110330; EP 2301631 B1 20180228; CN 102029025 A 20110427; CN 102029025 B 20141029; ES 2664582 T3 20180420; FR 2950536 A1 20110401; FR 2950536 B1 20111007; US 2011073417 A1 20110331; US 8584814 B2 20131119

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EP 10354053 A 20100923; CN 201010570703 A 20100925; ES 10354053 T 20100923; FR 0904593 A 20090925; US 88599710 A 20100920