

Title (en)
Locking/lifting device for climbing

Title (de)
Klemm- und Steigvorrichtung zum Klettern

Title (fr)
Dispositif de blocage et de montée pour l'alpinisme

Publication
EP 1683551 A1 20060726 (EN)

Application
EP 06000966 A 20060118

Priority
IT MI20050012 U 20050121

Abstract (en)
The present invention relates to a locking and ascent device for climbs by means of either ropes or strings. The device (1) comprises a body provided with a seat (3) for housing a rope (4), a locking element (5) movable between a releasing position with the rope, where the rope slides within the respective seat, and an engaging position with the rope, where the rope is prevented to slide within its respective seat (3) in a direction (S), means (6) suitable for bringing the locking element back to the engaging position following a movement thereof and manual operation means (7) for the locking element (5). Advantageously, the manual operation means (7) comprise a feeler (8) cooperating with a surface (9) of the body (2) in order to move the locking element (5) to the releasing position.

IPC 8 full level
A63B 29/02 (2006.01)

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

Citation (search report)

- [X] US 5638919 A 19970617 - PEJOUT JEAN [FR]
- [A] FR 2554102 A1 19850503 - PETZL FERNAND [FR]
- [A] FR 2589211 A1 19870430 - PETZL ETS [FR]
- [A] FR 2405073 A1 19790504 - BLANC MAURICE [FR]

Cited by
CN105080074A; ITBZ20110016A1; EP3162410A1; CN103691111A; CN115364398A; EP2754465A1; FR3000899A1; EP3851697A1; US11406851B2; US11701530B2; EP3733245A1; EP4375159A3; US11648967B2; EP3733245B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1683551 A1 20060726; EP 1683551 B1 20080430; AT E393654 T1 20080515; DE 602006001004 D1 20080612; DE 602006001004 T2 20090702; ES 2306296 T3 20081101; IT MI20050012 U1 20060722; PL 1683551 T3 20081031

DOCDB simple family (application)
EP 06000966 A 20060118; AT 06000966 T 20060118; DE 602006001004 T 20060118; ES 06000966 T 20060118; IT MI20050012 U 20050121; PL 06000966 T 20060118