

Title (en)
Disconnectable self-locking descending device

Title (de)
Entkuppelbares selbstblockierendes Abseilgerät

Title (fr)
Descendeur débrayable à autoblocage de la corde

Publication
EP 0688581 B1 19990908 (FR)

Application
EP 95410046 A 19950518

Priority
FR 9407974 A 19940623

Abstract (en)
[origin: EP0688581A1] The mechanism consists of a pulley (16) in the shape of a cam, equipped with a drive peg (210) which cooperates with a mechanism (202) incorporating a transmission arm (208). The arm can move between an active and an inactive position. In the active position it engages with the peg to establish a one-way mechanical link between the cam pulley and a handle (24) when the latter is in an intermediate released position on descent. In the inactive position the mechanical link breaks when the handle passes an intermediate position, causing the cam to return automatically to its locked state under the effect of the cable's tension. <IMAGE>

IPC 1-7
A62B 1/14

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

CPC (source: EP KR US)
A62B 1/14 (2013.01 - EP US); **B66D 5/00** (2013.01 - KR); **A63B 29/02** (2013.01 - EP US); **Y10T 24/3944** (2015.01 - EP US)

Cited by
EP3552668A1; CN103566493A; CN103566492A; CN108069353A; EP2018894A1; FR2919196A1; US5833682A; AU2017376676B2; CN110072595A; FR3080045A1; US11065477B2; EP2554219A1; WO2018111676A1; EP2857069A2; US9573002B2; US9415245B2; US8100231B2; US11071879B2; EP3552668B1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0688581 A1 19951227; EP 0688581 B1 19990908; AU 2182095 A 19960111; AU 682107 B2 19970918; DE 69511950 D1 19991014; DE 69511950 T2 20000309; ES 2136817 T3 19991201; FR 2721522 A1 19951229; FR 2721522 B1 19960814; JP 3649774 B2 20050518; JP H0852237 A 19960227; KR 100320638 B1 20021011; KR 960000755 A 19960125; US 5577576 A 19961126

DOCDB simple family (application)
EP 95410046 A 19950518; AU 2182095 A 19950621; DE 69511950 T 19950518; ES 95410046 T 19950518; FR 9407974 A 19940623; JP 15803195 A 19950623; KR 19950016954 A 19950622; US 45967195 A 19950602