

Title (en)
Disconnectable self-locking descending device

Title (de)
Entkuppelbares selbstblockierendes Abseilgerät

Title (fr)
Descendeur débrayable à autoblocage de la corde

Publication
EP 0688581 A1 19951227 (FR)

Application
EP 95410046 A 19950518

Priority
FR 9407974 A 19940623

Abstract (en)
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)

Citation (applicant)
FR 2451752 A1 19801017 - PETZL PAUL

Citation (search report)
• [A] EP 0593369 A1 19940420 - ZEDEL [FR]
• [A] EP 0398819 A1 19901122 - PETZL ETS [FR]
• [A] FR 2422587 A1 19791109 - MOTTE DENIS [FR]
• [A] FR 2554102 A1 19850503 - PETZL FERNAND [FR]
• [A] EP 0132592 A1 19850213 - ROGELJA BORIS
• [A] EP 0303388 A1 19890215 - ROGELJA BORIS
• [AD] FR 2451752 A1 19801017 - PETZL PAUL

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

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DOCDB simple family (publication)
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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