

Title (en)
SELF-LOCKING ABSEILING DEVICE WITH RELEASABLE HANDLE

Title (de)
SELBSTBLOCKIERENDES ABSEILGERÄT MIT AUSRÜCKBAREM GRIFF

Title (fr)
DESCENDEUR AUTOBLOQUANT A POIGNEE DEBRAYABLE

Publication
EP 3552668 B1 20220406 (FR)

Application
EP 19164787 A 20190324

Priority
FR 1853186 A 20180411

Abstract (en)
[origin: US2019314651A1] The descender comprises a handle and a cam that are movable between a securing position and a sliding position of the rope. The cam defines a first stop and a second pin. The handle has a first pin coming into contact with the first stop to form a first mechanical link and a second stop coming into contact with the second pin. Movement of the handle results in movement of the cam between the securing and sliding positions. In a threshold position of the handle, the first mechanical link is interrupted and the cam returns to the securing position. The second stop is movable with respect to the handle by means of a spring. When movement of the handle takes place, the second pin comes into contact with the second stop before the handle stresses a spring and reaches the threshold position.

IPC 8 full level
A62B 1/14 (2006.01)

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

Citation (examination)

- EP 0688581 B1 19990908 - ZEDEL [FR]
- EP 2018894 B1 20141126 - ZEDEL [FR]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3552668 A1 20191016; EP 3552668 B1 20220406; BR 102019007149 A2 20191029; CN 210205628 U 20200331; ES 2915584 T3 20220623; FR 3080045 A1 20191018; FR 3080045 B1 20200515; US 11071879 B2 20210727; US 2019314651 A1 20191017

DOCDB simple family (application)
EP 19164787 A 20190324; BR 102019007149 A 20190409; CN 201920482050 U 20190410; ES 19164787 T 20190324; FR 1853186 A 20180411; US 201916381152 A 20190411