

Title (en)

ABSEILING DEVICE FOR BRAKING A LOAD

Title (de)

ABSEILVORRICHTUNG ZUM ABBREMSEN EINER LAST

Title (fr)

DISPOSITIF DE TREUILLAGE POUR FREINER UNE CHARGE

Publication

EP 3815747 A1 20210505 (EN)

Application

EP 20151775 A 20200114

Priority

DE 102019007586 A 20191031

Abstract (en)

The invention relates to an abseiling device for braking a load and in which a rope (4) passes through the abseiling device in a frictionally guided manner, whereby the abseiling device comprises a back plate (2) and a front plate (1), the back plate (2) comprises a part (5) attached swivelling thereto, whereby the part (5) can be swivelled against a spring force for inserting or removing the rope (4) and the part (5), by suspending the load, generates the friction dependent on the weight of the load, the front plate (1) is attached swivelling to the back plate (2) at a first end of the abseiling device between an opened position and a closed position, whereby in the opened position the part (5) is accessible for inserting the rope (4) and in the closed position the part (5) is arranged between the back plate (2) and the front plate (1), the back plate (2) and the front plate (1) each comprise a lower opening (10) arranged adjacent to the swivelling axis and transverse to the pulling direction of the rope (4) and the load, and through which the load can be connected to the abseiling device, whereby when the load is connected through the lower openings (10) but not suspended the front plate (1) can be swivelled into the opened position and by suspending the load the front plate (1) swivels into the closed position.

IPC 8 full level

A62B 1/14 (2006.01)

CPC (source: EP)

A62B 1/14 (2013.01)

Citation (search report)

- [XAI] WO 2014205479 A1 20141231 - CAPITAL SAFETY GROUP AUSTRALIA PTY LTD [AU]
- [XAI] WO 9733650 A1 19970918 - ROGELJA BORIS [AU]
- [XA] WO 2015189066 A1 20151217 - OLLIVIER PASCAL [FR]

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