

Title (en)

FALL PROTECTION DEVICE FOR VERTICAL LIFELINES

Title (de)

FALLSCHUTZVORRICHTUNG FÜR VERTIKALE RETTUNGSLEINEN

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES CHUTES POUR LIGNES DE VIE VERTICALES

Publication

EP 3626311 A1 20200325 (EN)

Application

EP 18209590 A 20181130

Priority

ES 201831433 U 20180921

Abstract (en)

A fall-prevention device for vertical lifelines characterized in that it comprises a body (1) that accommodates different elements and parts of the device, having an ending extension (2) whose end is arranged backwards, thus defining an entrance (3), and a housing (4) accommodating a cable (5), a cam (6) that blocks and unblocks the cable depending on whether it remains a fixed position or is pulled down along the cable (5), characterized in that it comprises:- a rotating gate (7) which, in its working position blocks the entrance (3), preventing the exit of the cable (5) from inside the housing (4);- a first blocking mechanism (8) of the gate (7), including at least one outer end (9) and one inner end (10), and- a second blocking mechanism (12) mechanically connected to the cam (6) by second elastic means (13), and wherein the cam (6) and the inner end (10), when in a working position, both blocks the gate (7) and prevent the exit of the cable (5) from inside the housing (4), and when in its resting position, the inner end (10) and the cam (6) are displaced and unblock the gate (7), which, by rotation, allows the cable (5) to exit from inside the housing (4).

IPC 8 full level

A62B 1/14 (2006.01); **A62B 35/00** (2006.01)

CPC (source: EP)

A62B 1/14 (2013.01); **A62B 35/0081** (2013.01); **A62B 35/005** (2013.01)

Citation (applicant)

EP 1359980 A1 20031112 - SK [FR]

Citation (search report)

- [A] US 6019195 A 20000201 - PELOFI PIERRE-GEORGES [FR]
- [A] WO 9100121 A1 19910110 - STEPHENSON JOHN [CA], et al

Cited by

WO2023089322A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3626311 A1 20200325; **EP 3626311 B1 20231101**; **EP 3626311 C0 20231101**; ES 1220317 U 20181113; ES 1220317 Y 20190207; ES 2970415 T3 20240528

DOCDB simple family (application)

EP 18209590 A 20181130; ES 18209590 T 20181130; ES 201831433 U 20180921