

Title (en)  
PASSAGE DETECTION FOR A CABLEWAY

Title (de)  
DURCHFARTSERKENNUNG FÜR EINE SEILBAHN

Title (fr)  
DéTECTION DE PASSAGE POUR TÉLÉPHÉRIQUE

Publication  
**EP 3914497 C0 20230712 (DE)**

Application  
**EP 20711836 A 20200310**

Priority  
• AT 502002019 A 20190311  
• EP 2020056305 W 20200310

Abstract (en)  
[origin: WO2020182791A1] In order to enhance the safety of a cableway, in particular when a cable car (5) passes through a cable-car support (1) of the cableway, according to the invention a detection device (9) having at least one evaluation unit (16) and at least two sensors (15) connected to the evaluation unit (16) is provided on at least one cable-car support (1), wherein a first sensor (15) is located in the entry area (E) of the cable-car support (1) in order to detect the presence of a cable car (5) in a detection area of the first sensor (15), and a second sensor (15) is located in the exit area (A) of the cable-car support in order to detect the presence of a cable car (5) in a detection area of the second sensor (15), wherein the detection device (9) is provided in order to detect a number (i) of cable cars (5) between the first sensor (15) and the second sensor (15) and to generate a fault signal (F) when the detected number (i) exceeds a predefined maximum number (imax).

IPC 8 full level  
**B61B 12/06** (2006.01); **B61B 12/02** (2006.01)

CPC (source: AT EP KR RU US)  
**B61B 7/00** (2013.01 - RU); **B61B 12/02** (2013.01 - EP KR RU US); **B61B 12/06** (2013.01 - AT EP KR RU US)

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

Designated validation state (EPC)  
MA TN

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**WO 2020182791 A1 20200917**; AT 522187 A1 20200915; AT 522187 B1 20201015; AU 2020235798 A1 20210923; CA 3133135 A1 20200917; CN 113631456 A 20211109; CN 113631456 B 20230829; CO 2021012320 A2 20210930; EP 3914497 A1 20211201; EP 3914497 B1 20230712; EP 3914497 C0 20230712; ES 2952070 T3 20231026; JP 2022524539 A 20220506; JP 7255916 B2 20230411; KR 20210134950 A 20211111; MA 54822 A 20211201; MX 2021011049 A 20211013; RU 2765526 C1 20220131; US 2022169290 A1 20220602

DOCDB simple family (application)  
**EP 2020056305 W 20200310**; AT 502002019 A 20190311; AU 2020235798 A 20200310; CA 3133135 A 20200310; CN 202080020337 A 20200310; CO 2021012320 A 20210921; EP 20711836 A 20200310; ES 20711836 T 20200310; JP 2021554624 A 20200310; KR 20217031626 A 20200310; MA 54822 A 20200310; MX 2021011049 A 20200310; RU 2021128551 A 20200310; US 202017432312 A 20200310