

Title (en)

CABLEWAY STATION HAVING A SAFETY BARRIER

Title (de)

SEILBAHNSTATION MIT SICHERHEITSSCHRANKE

Title (fr)

STATION DE TÉLÉPHÉRIQUE AVEC BARRIÈRE DE SÉCURITÉ

Publication

EP 4139180 B1 20240626 (DE)

Application

EP 21721024 A 20210420

Priority

- AT 503452020 A 20200422
- EP 2021060193 W 20210420

Abstract (en)

[origin: WO2021214035A1] In order to simplify the operation of a cableway and, at the same time, to ensure safe operation, the invention relates to at least one openable safety barrier (2) provided in a cableway station (1); a sensor (3) for detecting an opening state of the at least one safety barrier (2) being provided in the cableway station (1), which sensor transmits a sensor signal (Y) to a control unit (4) of a cableway drive (5) according to the opening state; the control unit (4) controlling the cableway drive according to the received sensor signal (Y); the control unit (4) being provided to stop the cableway drive (5) or to reduce a drive speed of the cableway drive (5) when a sensor signal (Y) corresponding to an open position of the safety barrier (2) is received, and the safety barrier (2) having a remotely controllable actuation unit (6), which can be controlled by means of a remote-control unit (7), in order to return the safety barrier (2) from the open position, in which the cableway drive (5) is stopped or the drive speed is reduced, to a closed position, in which the cableway drive (5) can be activated again or the drive speed can be increased again.

IPC 8 full level

B61B 12/06 (2006.01)

CPC (source: AT EP KR US)

B61B 1/02 (2013.01 - AT KR US); **B61B 7/04** (2013.01 - AT KR); **B61B 12/00** (2013.01 - AT); **B61B 12/06** (2013.01 - AT EP KR US); **B61B 12/10** (2013.01 - KR US); **B61K 1/00** (2013.01 - AT)

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

DOCDB simple family (publication)

WO 2021214035 A1 20211028; AR 121897 A1 20220720; AT 523076 A4 20210515; AT 523076 B1 20210515; AU 2021260768 A1 20221201; CA 3180813 A1 20211028; CN 115427284 A 20221202; CO 2022016667 A2 20221129; EP 4139180 A1 20230301; EP 4139180 B1 20240626; EP 4139180 C0 20240626; JP 2023528161 A 20230704; JP 7488538 B2 20240522; KR 20230002929 A 20230105; MX 2022013256 A 20221114; US 2023159064 A1 20230525

DOCDB simple family (application)

EP 2021060193 W 20210420; AR P210101064 A 20210421; AT 503452020 A 20200422; AU 2021260768 A 20210420; CA 3180813 A 20210420; CN 202180030245 A 20210420; CO 2022016667 A 20221119; EP 21721024 A 20210420; JP 2022564081 A 20210420; KR 20227040666 A 20210420; MX 2022013256 A 20210420; US 202117996916 A 20210420