

Title (en)
CABLEWAY HAVING CAR STABILIZATION

Title (de)
SEILBAHN MIT KABINENSTABILISIERUNG

Title (fr)
TÉLÉPHÉRIQUE À STABILISATION DE CABINE

Publication
EP 4077091 A1 20221026 (DE)

Application
EP 21708185 A 20210224

Priority
• AT 501402020 A 20200226
• EP 2021054484 W 20210224

Abstract (en)
[origin: WO2021170598A1] The aim of the invention is to provide a cableway (1) in the case of which the safety and comfort for persons during the loading and unloading of the cableway vehicles (5) can be improved as simply and economically as possible. This aim is achieved, according to the invention, in that at least one vehicle-fixed contact rail (23) extending in the direction of movement of the cableway vehicle (5) is arranged on the conveying body (K), and at least one guiding portion (FA) having at least one stationary first guiding device (22) extending in the direction of movement of the cableway vehicle (5) is provided in at least one cableway station (2), the first guiding device (22) cooperating with the contact rail (23) of the cableway vehicle (5), at least during the movement of the cableway vehicle (5) through the guiding portion (FA), in order to produce a guiding force, the guiding force shifting the conveying body (K) relative to the suspension (17) from a rest position, in which the cableway vehicle (5) can be moved outside of the guiding portion (FA), into a guidance position, in which the cableway vehicle (5) can be moved through the guiding portion (FA).

IPC 8 full level
B61B 1/00 (2006.01); **B61B 12/04** (2006.01)

CPC (source: AT EP KR US)
B61B 1/00 (2013.01 - EP KR); **B61B 1/02** (2013.01 - AT US); **B61B 10/027** (2013.01 - AT US); **B61B 12/005** (2013.01 - AT US);
B61B 12/04 (2013.01 - AT EP KR 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)
KH MA MD TN

DOCDB simple family (publication)
WO 2021170598 A1 20210902; AT 523619 A1 20210915; AT 523619 B1 20240615; AU 2021226837 A1 20220929; CA 3173305 A1 20210902; CN 115151471 A 20221004; CN 115151471 B 20231114; CO 2022012230 A2 20230126; EP 4077091 A1 20221026; EP 4077091 B1 20240131; EP 4077091 C0 20240131; ES 2974814 T3 20240701; KR 20220157977 A 20221129; MX 2022010472 A 20220919; US 2023088063 A1 20230323

DOCDB simple family (application)
EP 2021054484 W 20210224; AT 501402020 A 20200226; AU 2021226837 A 20210224; CA 3173305 A 20210224; CN 202180016848 A 20210224; CO 2022012230 A 20220826; EP 21708185 A 20210224; ES 21708185 T 20210224; KR 20227033252 A 20210224; MX 2022010472 A 20210224; US 202117905045 A 20210224