

Title (en)

SYSTEM FOR PLACING A CABLE INTO A TROUGH

Title (de)

SYSTEM ZUM EINBRINGEN EINES KABELS IN EINE WANNE

Title (fr)

SYSTÈME POUR PLACER UN CÂBLE DANS UN PASSAGE

Publication

EP 3928397 A4 20221116 (EN)

Application

EP 20779503 A 20200320

Priority

- SG 10201902589U A 20190322
- SG 2020050148 W 20200320

Abstract (en)

[origin: WO2020197489A1] A system for placing a cable into a horizontal trough (e.g., along an underground cable tunnel wall) includes a platform carrying a hauling machine that includes an ingress facing the front of the platform, which receives the cable; and an egress facing the rear of the platform, from which the cable is displaced outward from the hauling machine by way of a hauling mechanism. A bottom track and a top track respectively extend from the front and the back of the platform. The bottom track, the hauling machine, and the top track collectively form a cable displacement path that is inclined upwardly and rearwardly along the bottom track, through the hauling machine, and along the top track. The top track is configurable to have an end selectively elevated to a height above an open recess of the trough, and is selectively laterally (re)positionable toward the trough.

IPC 8 full level

H02G 9/06 (2006.01); **B66F 7/28** (2006.01); **H02G 1/08** (2006.01); **H02G 9/08** (2006.01)

CPC (source: EP KR)

B66F 7/28 (2013.01 - KR); **H02G 1/08** (2013.01 - EP KR); **H02G 9/06** (2013.01 - EP KR); **H02G 9/08** (2013.01 - EP KR); **B66F 7/28** (2013.01 - EP)

Citation (search report)

- [XYI] JP H07107635 A 19950421 - ISHIKAWAJIMA HARIMA HEAVY IND
- [Y] JP 2002354619 A 20021206 - CHUBU ELECTRIC POWER, et al
- [A] JP 2017060259 A 20170323 - KANTO DENKI KOJI
- [E] SG 11202111884R A 20211129 - POWER WORKS PTE LTD [SG]
- See references of WO 2020197489A1

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

DOCDB simple family (publication)

WO 2020197489 A1 20201001; **WO 2020197489 A9 20210805**; AU 2020247684 A1 20211007; AU 2020247684 B2 20230427;
CN 113632333 A 20211109; CN 113632333 B 20230331; EP 3928397 A1 20211229; EP 3928397 A4 20221116; JP 2022524681 A 20220510;
KR 20210137428 A 20211117; SG 11202105239P A 20211028; TW 202107791 A 20210216; TW I813864 B 20230901

DOCDB simple family (application)

SG 2020050148 W 20200320; AU 2020247684 A 20200320; CN 202080023307 A 20200320; EP 20779503 A 20200320;
JP 2021533217 A 20200320; KR 20217020834 A 20200320; SG 11202105239P A 20200320; TW 109109418 A 20200320