

Title (en)

METHOD FOR DETECTING A CHANGE IN THE ENVIRONMENT OF A CABLE

Title (de)

VERFAHREN ZUR ERKENNUNG EINER VERÄNDERUNG DER UMGEBUNG EINES KABELS

Title (fr)

PROCEDE DE DETECTION DE LA MODIFICATION DE L'ENVIRONNEMENT D'UN CABLE

Publication

EP 4103362 A1 20221221 (FR)

Application

EP 21703951 A 20210212

Priority

- FR 2001454 A 20200213
- EP 2021053550 W 20210212

Abstract (en)

[origin: WO2021160858A1] Method for detecting a change in the environment near at least one portion of a hoisting, traction or boundary cable which conducts electricity, said change in the environment being linked to the relative movement of at least one person, animal or object with respect to the portion, comprising the step of detecting a variation in the capacitance of the portion, the variation being representative of the movement.

IPC 8 full level

B25J 9/00 (2006.01); **B25J 13/08** (2006.01); **B25J 19/02** (2006.01); **B25J 19/06** (2006.01); **E04H 17/02** (2006.01); **F16P 3/14** (2006.01)

CPC (source: EP US)

B25J 9/0078 (2013.01 - EP); **B25J 13/086** (2013.01 - EP); **B25J 19/027** (2013.01 - EP); **B25J 19/06** (2013.01 - EP); **D07B 1/14** (2013.01 - US); **F16P 3/148** (2013.01 - EP US); **G08B 13/26** (2013.01 - 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 2021160858 A1 20210819; CA 3167798 A1 20210819; CN 115605324 A 20230113; EP 4103362 A1 20221221; FR 3107286 A1 20210820; FR 3107286 B1 20220401; JP 2023513630 A 20230331; US 2023339125 A1 20231026

DOCDB simple family (application)

EP 2021053550 W 20210212; CA 3167798 A 20210212; CN 202180028102 A 20210212; EP 21703951 A 20210212; FR 2001454 A 20200213; JP 2022549328 A 20210212; US 202117799429 A 20210212