Title (en)

METHOD AND DEVICE FOR THE CONTACTLESS CONTINUITY CHECK OF A CABLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BERÜHRUNGSLOSEN DURCHGANGSPRÜFUNG EINES KABELS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONTRÔLE DE CONTINUITÉ SANS CONTACT D'UN CÂBLE

Publication

EP 4196801 A1 20230621 (DE)

Application

EP 21773288 A 20210812

Priority

- AT 506802020 A 20200813
- EP 2021072468 W 20210812

Abstract (en)

[origin: WO2022034167A1] The aim of the invention is to provide a continuity check of a cable (1) comprising a conductor (3) and a plug connection (2) located at a first cable end (11) and having a plug recess (21) and a plug contact (22) located in the plug recess (21), the continuity check causing only low or no wear of the plug connection (2). The aim is achieved in that a test electrode (4) is positioned at the plug recess (21), and a highly exciting test signal (S) is generated at the test electrode (4), which test signal is transmitted contactlessly to the plug contact (22) in order to check the continuity of the cable (1).

IPC 8 full level

G01R 1/07 (2006.01); **G01R 31/54** (2020.01); **G01R 31/58** (2020.01); **G01R 31/60** (2020.01)

CPC (source: AT EP)

G01R 1/07 (2013.01 - EP); **G01R 31/302** (2013.01 - AT); **G01R 31/54** (2020.01 - AT EP); **G01R 31/58** (2020.01 - AT EP); G01R 31/60 (2020.01 - EP)

Citation (search report)

See references of WO 2022034167A1

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 2022034167 A1 20220217; AT 524105 A1 20220215; EP 4196801 A1 20230621

DOCDB simple family (application)

EP 2021072468 W 20210812; AT 506802020 A 20200813; EP 21773288 A 20210812