

Title (en)

LOW CURRENT SELF-ILLUMINATED POWER CABLE WHICH RETAINS FLEXIBILITY, AND METHOD OF MANUFACTURING SAME

Title (de)

SELBSTLEUCHTENDES STROMKABEL MIT NIEDRIGER STROMSTÄRKE, DAS SEINE FLEXIBILITÄT AUFRECHTERHÄLT, UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

CÂBLE DE PUISSANCE AUTO-ÉCLAIRÉ À BAS COURANT ET GARDANT SA SOUPLESSE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

EP 3935652 A1 20220112 (FR)

Application

EP 20725839 A 20200305

Priority

- FR 1902319 A 20190307
- FR 2020050455 W 20200305

Abstract (en)

[origin: WO2020178534A1] The invention relates to a power cable comprising at least one conductor element (10) and which additionally comprises at least one strip (16) arranged on at least one portion of the length of said conductor element (10). The strip (16) is equipped with a winding-free energy recovery system which supplies the strip (16) with electric current from the energy available in the conductor (10). The strip (16) has a plurality of elements (18) which generate light from this electric current.

IPC 8 full level

H01B 7/36 (2006.01); **F21S 4/26** (2016.01); **H01B 7/04** (2006.01); **H01F 3/06** (2006.01); **F21W 111/00** (2006.01)

CPC (source: EP US)

E21F 17/18 (2013.01 - US); **F21S 4/26** (2016.01 - EP US); **F21V 33/00** (2013.01 - US); **H01B 7/18** (2013.01 - US); **H01B 7/361** (2013.01 - EP); **F21W 2111/00** (2013.01 - EP); **F21W 2131/1005** (2013.01 - EP US); **F21W 2131/101** (2013.01 - EP US); **F21Y 2103/10** (2016.08 - US); **F21Y 2115/10** (2016.08 - US); **H01B 7/041** (2013.01 - EP); **H01B 9/00** (2013.01 - US); **H01F 3/06** (2013.01 - EP); **H02J 50/001** (2020.01 - EP US); **H02J 50/10** (2016.02 - EP)

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

DOCDB simple family (publication)

WO 2020178534 A1 20200910; AU 2020231845 A1 20210930; BR 112021017523 A2 20211116; CA 3129528 A1 20200910; CL 2021002338 A1 20220520; EP 3935652 A1 20220112; FR 3093586 A1 20200911; FR 3093586 B1 20210219; MX 2021010640 A 20211210; US 12000579 B2 20240604; US 2022154923 A1 20220519

DOCDB simple family (application)

FR 2020050455 W 20200305; AU 2020231845 A 20200305; BR 112021017523 A 20200305; CA 3129528 A 20200305; CL 2021002338 A 20210907; EP 20725839 A 20200305; FR 1902319 A 20190307; MX 2021010640 A 20200305; US 202017435993 A 20200305