

Title (en)  
METHOD AND SYSTEM FOR DETECTING HEATING AT A CONNECTOR BETWEEN ELECTRICAL CABLES AND CONNECTORS SUITABLE FOR SUCH A METHOD

Title (de)  
VERFAHREN UND SYSTEM ZUR ERKENNUNG DER ERWÄRMUNG EINES VERBINDERS ZWISCHEN ELEKTRISCHEN KABELN UND FÜR SOLCH EIN VERFAHREN GEEIGNETE VERBINDER

Title (fr)  
PROCÉDÉ ET SYSTÈME DE DÉTECTION D'UN ÉCHAUFFEMENT AU NIVEAU D'UN CONNECTEUR ENTRE CÂBLES ÉLECTRIQUES ET CONNECTEURS ADAPTÉS À UN TEL PROCÉDÉ

Publication  
**EP 4278158 A1 20231122 (FR)**

Application  
**EP 22705415 A 20220114**

Priority  
• FR 2100368 A 20210115  
• FR 2022050081 W 20220114

Abstract (en)  
[origin: WO2022153015A1] Disclosed is a method for detecting a hotspot at a connector (2) disposed on an electrical line, a heat-sensitive impedance module (4, 4a, 4b, 4c) being disposed at the connector (2), the electrical line and the heat-sensitive impedance module having an overall heat-sensitive impedance, the method comprising the following steps: determining a physical characteristic which is a function of the overall heat-sensitive impedance and, if the physical characteristic deviates from a predetermined reference value, emitting an alarm for detecting and locating a hotspot on the connector.

IPC 8 full level  
**G01K 3/00** (2006.01); **G01K 7/16** (2006.01); **G01K 7/34** (2006.01); **G01R 31/11** (2006.01)

CPC (source: EP US)  
**G01K 1/024** (2013.01 - US); **G01K 3/005** (2013.01 - EP US); **G01K 7/16** (2013.01 - EP); **G01K 7/22** (2013.01 - US); **G01K 7/34** (2013.01 - EP); **G01K 11/125** (2013.01 - US); **G01R 31/11** (2013.01 - EP); **G01K 2007/166** (2013.01 - EP)

Citation (search report)  
See references of WO 2022153015A1

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BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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