

Title (en)

METHOD AND DEVICE FOR DETECTING DEFECTS OF ELECTROMAGNETIC PROTECTION FOR ELECTRIC HARNESSSES

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERKENNUNG VON DEFECTEN ELEKTROMAGNETISCHEN SCHUTZES FÜR ELEKTRISCHE GESCHIRRE

Title (fr)

PROCEDE ET DISPOSITIF POUR DETECTER DES DEFAUTS DE PROTECTION ELECTROMAGNETIQUE DE HARNAIS ELECTRIQUES

Publication

EP 1664810 A1 20060607 (FR)

Application

EP 04787317 A 20040907

Priority

- FR 2004002262 W 20040907
- FR 0310683 A 20030911

Abstract (en)

[origin: FR2859790A1] The method involves producing electrical stimulation signals in an operation frequency range at a predetermined power level. The operation frequency range is between 1 to 5 Giga Hertz. The stimulation signals are applied in a shielding sheath to generate electromagnetic field (EM) in a detection zone. Temperature in the detection zone is measured by performing a thermal cartography of a harness (H). Independent claims are also included for the following: (a) a device for the implementation of the electromagnetic protection defects locating method; and (b) a harness.

IPC 1-7

G01R 31/08

IPC 8 full level

G01R 31/08 (2006.01); **G01R 29/08** (2006.01)

CPC (source: EP US)

G01R 31/083 (2013.01 - EP US); **G01R 29/0835** (2013.01 - EP US)

Citation (search report)

See references of WO 2005026752A1

Citation (examination)

- JP H0359129 A 19910314 - NAKATSU SHIKO KK
- EP 0734518 A1 19961002 - PHOTOTHERM DR PETRY GMBH [DE]
- US 3818412 A 19740618 - DEARDURFF L
- US 4871883 A 19891003 - GUIOL ERIC [DE]
- US 5485774 A 19960123 - OSBORNE ROBERT [CA]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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