

Title (en)

DEVICE AND METHOD FOR THE NONDESTRUCTIVE TESTING OF ELECTRICAL CONDUCTORS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ZERSTÖRUNGSFREIEN PRÜFUNG AN ELEKTRISCHEN LEITERN

Title (fr)

DISPOSITIF ET PROCEDE D'ESSAI NON DESTRUCTIF DE CONDUCTEURS ELECTRIQUES

Publication

**EP 1844324 A1 20071017 (DE)**

Application

**EP 06705865 A 20060131**

Priority

- DE 2006000135 W 20060131
- DE 102005005120 A 20050204

Abstract (en)

[origin: WO2006081796A1] The invention relates to a device and a method for the nondestructive testing of electrical conductors (1). The inventive method and device enable the magnetic field of the homogeneous conductor (1) to be fully or partially compensated (4) and thus the deviation of the magnetic field to be detected to be much more striking. The total amplitude is caused, to a larger extent, by the material defects (2) to be detected.

IPC 8 full level

**G01N 27/82** (2006.01)

CPC (source: EP)

**G01N 27/82** (2013.01); **G01R 31/08** (2013.01)

Citation (search report)

See references of WO 2006081796A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102005005120 B3 20060810**; EP 1844324 A1 20071017; WO 2006081796 A1 20060810

DOCDB simple family (application)

**DE 102005005120 A 20050204**; DE 2006000135 W 20060131; EP 06705865 A 20060131