

Title (en)

DEVICE FOR DETECTING AN ELECTRIC CURRENT

Title (de)

EINRICHTUNG ZUR ERFASSUNG EINES ELEKTRISCHEN STROMES

Title (fr)

DISPOSITIF POUR DETECTER UN COURANT ELECTRIQUE

Publication

**EP 1889077 A1 20080220 (DE)**

Application

**EP 06763397 A 20060531**

Priority

- EP 2006062753 W 20060531
- DE 102005027270 A 20050608

Abstract (en)

[origin: WO2006131468A1] A device for detecting an electric current has a plurality of magnetic field probes (4a, 4b, 4c, 4d) which are distributed radially about a main axis (1) and are arranged essentially in one plane. The magnetic field probes (4a, 4b, 4c, 4d) are equipped with a shield (3a, 3b) which protects against the influence of magnetic interference fields. The shield (3a, 3b) can have a wall which extends in the direction of the main axis (1) adjacent to the magnetic field probes (4a, 4b, 4c, 4d) and/or which extends in the radial direction.

IPC 8 full level

**G01R 15/00** (2006.01); **G01R 15/20** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP)

**G01R 15/205** (2013.01); **G01R 15/207** (2013.01); **G01R 15/202** (2013.01)

Citation (search report)

See references of WO 2006131468A1

Designated contracting state (EPC)

CH DE FR LI

DOCDB simple family (publication)

**WO 2006131468 A1 20061214**; DE 102005027270 A1 20070104; EP 1889077 A1 20080220

DOCDB simple family (application)

**EP 2006062753 W 20060531**; DE 102005027270 A 20050608; EP 06763397 A 20060531