

Title (en)

METHOD AND DEVICE FOR CHECKING CURRENT CONVERTERS BY MEANS OF HIGH-CURRENT PULSES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÜFUNG VON STROMWANDLERN MITTELS HOCHSTROMIMPULS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONTRÔLE DE CONVERTISSEURS DE COURANT AU MOYEN D'IMPULSIONS ÉLECTRIQUES HAUTE INTENSITÉ

Publication

**EP 2010934 A1 20090107 (DE)**

Application

**EP 07728225 A 20070418**

Priority

- EP 2007053763 W 20070418
- DE 102006020086 A 20060425

Abstract (en)

[origin: WO2007122151A1] In order to check the functioning of a conventional current converter at low cost, a device for checking a current converter is provided. Said current converter comprises a test current conductor (1) and a test pulse circuit (5), which has an energy store (6), charging means (13) for charging the energy store (6) and a switching element (7) for discharging the energy store via the test current conductor. As a result, a discharge current can be generated in the test current conductor, wherein an evaluation unit for detecting a current converter signal caused by the discharge current is provided.

IPC 8 full level

**G01R 35/02** (2006.01)

CPC (source: EP US)

**G01R 35/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2007122151A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006020086 A1 20071031**; CA 2650254 A1 20071101; CN 101432634 A 20090513; EP 2010934 A1 20090107; US 2009153145 A1 20090618; WO 2007122151 A1 20071101

DOCDB simple family (application)

**DE 102006020086 A 20060425**; CA 2650254 A 20070418; CN 200780015127 A 20070418; EP 07728225 A 20070418; EP 2007053763 W 20070418; US 29858807 A 20070418