

Title (en)

DEVICE FOR SUPPRESSING HIGH-FREQUENCY CURRENTS IN INFEED LINES OF AN INVERTER

Title (de)

VORRICHTUNG ZUM UNTERDRÜCKEN HOCHFREQUENTER STRÖME IN ZULEITUNGEN EINES UMRICHTERS

Title (fr)

DISPOSITIF D'ATTÉNUATION DE COURANTS DE HAUTE FRÉQUENCE DANS DES LIGNES D'ALIMENTATION D'UN CONVERTISSEUR

Publication

**EP 2612426 A1 20130710 (DE)**

Application

**EP 11749795 A 20110819**

Priority

- DE 102010044621 A 20100902
- EP 2011064269 W 20110819

Abstract (en)

[origin: WO2012028475A1] The invention relates to a device (1) for suppressing high-frequency currents (IZ) in infeed lines to an inverter having a common-mode impedance (2), comprising a magnetic core (3) set up for inductively coupling the infeed lines, wherein the current load on the common-mode impedance is minimized, wherein a snubber impedance unit (4) is inductively coupled to the common-mode impedance (2) and has a frequency-dependent impedance.

IPC 8 full level

**H02M 1/12** (2006.01)

CPC (source: EP US)

**H02M 1/12** (2013.01 - US); **H02M 1/126** (2013.01 - EP US); **H03H 1/0007** (2013.01 - EP US)

Citation (search report)

See references of WO 2012028475A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010044621 A1 20120308**; EP 2612426 A1 20130710; RU 2013114449 A 20141010; US 2013201734 A1 20130808; WO 2012028475 A1 20120308

DOCDB simple family (application)

**DE 102010044621 A 20100902**; EP 11749795 A 20110819; EP 2011064269 W 20110819; RU 2013114449 A 20110819; US 201113820556 A 20110819