

Title (en)
DEVICE FOR POTENTIAL SEPARATION, TOROIDAL CORE THROTTLE, AND METHOD FOR PRODUCING A TOROIDAL CORE THROTTLE

Title (de)
VORRICHTUNG ZUR POTENTIALTRENNUNG, RINGKERNDRÖSSEL UND VERFAHREN ZUR HERSTELLUNG DER RINGKERNDRÖSSEL

Title (fr)
DISPOSITIF DE SEPARATION DE POTENTIEL, BOBINE A NOYAU TOROIDAL ET PROCEDE POUR PRODUIRE UNE BOBINE A NOYAU TOROIDAL

Publication
EP 1797572 A1 20070620 (DE)

Application
EP 05782179 A 20050630

Priority
• DE 2005001154 W 20050630
• DE 102004048966 A 20041007

Abstract (en)
[origin: WO2006039876A1] The invention relates to a device for potential separation, which can be integrated into the core hole of a toroidal core (44). Said device comprises a central part (1) having a rotational axis, and outwardly extending sections (21, 22, 23) that can be deformed in the rotational direction (62) about the rotational axis. Said sections comprise a preferably radially extending insulating region (31, 32, 33), on the end thereof opposing the central part (1), that is thicker than the sections (21, 22, 23) themselves.

IPC 8 full level
H01F 17/06 (2006.01); **H01F 27/06** (2006.01); **H01F 27/26** (2006.01); **H01F 27/32** (2006.01); **H01F 41/12** (2006.01)

CPC (source: EP US)
H01F 17/062 (2013.01 - EP US); **H01F 27/306** (2013.01 - EP US); **H01F 27/324** (2013.01 - EP US); **H01F 30/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2006039876A1

Cited by
WO2011061258A2; DE102009054001A1

Designated contracting state (EPC)
DE FR GB HU

DOCDB simple family (publication)
DE 102004048966 A1 20060413; CN 101036203 A 20070912; CN 101036203 B 20120523; DE 502005003679 D1 20080521;
EP 1797572 A1 20070620; EP 1797572 B1 20080409; JP 2008516430 A 20080515; JP 4582668 B2 20101117; US 2007241855 A1 20071018;
US 7400224 B2 20080715; WO 2006039876 A1 20060420

DOCDB simple family (application)
DE 102004048966 A 20041007; CN 200580034415 A 20050630; DE 2005001154 W 20050630; DE 502005003679 T 20050630;
EP 05782179 A 20050630; JP 2007534992 A 20050630; US 73271707 A 20070404