

Title (en)
EASILY INSTALLED ROTARY TRANSFORMER

Title (de)
EINFACH ZU INSTALLIERENDER DREHTRANSFORMATOR

Title (fr)
TRANSFORMATEUR TOURNANT À INSTALLATION FACILITÉE

Publication
EP 2507803 A1 20121010 (FR)

Application
EP 10784790 A 20101130

Priority
• FR 0958487 A 20091130
• EP 2010068454 W 20101130

Abstract (en)
[origin: WO2011064377A1] Generally speaking, the invention relates to a rotary transformer (400; 800) intended to be installed about a rotatably movable shaft, said rotary transformer comprising, in particular, an annular inner core (403) and an annular outer core (404) for transmitting electrical energy via electromagnetic induction between said inner core (403) and said outer core (404), which are coaxially mounted such that an inner surface of the outer core is capable of rotating opposite an outer surface of the inner core, characterized in that the inner core (403) consists of a plurality of inner-core disjointed portions (405; 406), which are assembled together by a first attachment means (901; 911), and in that the outer core consists of a plurality of outer-core disjointed portions (407; 408) which are assembled together by a second attachment means.

IPC 8 full level
H01F 27/26 (2006.01); **H01F 38/18** (2006.01)

CPC (source: EP US)
H01F 27/263 (2013.01 - EP US); **H01F 38/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2011064377A1

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)
FR 2953321 A1 20110603; **FR 2953321 B1 20120224**; BR 112012013062 A2 20170523; CA 2782033 A1 20110603; CN 102640235 A 20120815; EP 2507803 A1 20121010; JP 2013513231 A 20130418; RU 2012127359 A 20140110; US 2012280777 A1 20121108; WO 2011064377 A1 20110603

DOCDB simple family (application)
FR 0958487 A 20091130; BR 112012013062 A 20101130; CA 2782033 A 20101130; CN 201080054363 A 20101130; EP 10784790 A 20101130; EP 2010068454 W 20101130; JP 2012541450 A 20101130; RU 2012127359 A 20101130; US 201013512405 A 20101130