

Title (en)
DEVICE FOR REGULATING ELECTRICAL VOLTAGE

Title (de)
EINRICHTUNG ZUR REGELUNG DER ELEKTRISCHEN SPANNUNG

Title (fr)
DISPOSITIF DE REGLAGE DE LA TENSION ELECTRIQUE

Publication
EP 1794661 B1 20091007 (DE)

Application
EP 05775005 A 20050722

Priority
• EP 2005007999 W 20050722
• DE 102004046926 A 20040928

Abstract (en)
[origin: US2009140705A1] The invention relates to a device for regulating the electrical voltage in power mains, comprising a regulating transformer. Optionally interconnecting only three winding taps and a separate reactor winding with a total of four switching elements, enables five different voltage levels to be set.

IPC 8 full level
G05F 1/20 (2006.01)

CPC (source: EP KR US)
G05F 1/20 (2013.01 - EP KR US)

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009140705 A1 20090604; US 7656138 B2 20100202; AT E445179 T1 20091015; BR PI0513137 A 20080429; CA 2581875 A1 20060406; CA 2581875 C 20130702; CN 100498633 C 20090610; CN 1965276 A 20070516; DE 102004046926 B3 20060119; DE 502005008291 D1 20091119; EP 1794661 A1 20070613; EP 1794661 B1 20091007; ES 2334689 T3 20100315; HK 1103252 A1 20071214; JP 2008515362 A 20080508; JP 4756046 B2 20110824; KR 101134998 B1 20120409; KR 20070057775 A 20070607; RU 2007116122 A 20081120; RU 2361263 C2 20090710; WO 2006034744 A1 20060406

DOCDB simple family (application)
US 66436405 A 20050722; AT 05775005 T 20050722; BR PI0513137 A 20050722; CA 2581875 A 20050722; CN 200580018197 A 20050722; DE 102004046926 A 20040928; DE 502005008291 T 20050722; EP 05775005 A 20050722; EP 2005007999 W 20050722; ES 05775005 T 20050722; HK 07107661 A 20070717; JP 2007532788 A 20050722; KR 20077001996 A 20050722; RU 2007116122 A 20050722