

Title (en)
STEPPING SWITCH

Title (de)
STUFENSCHALTER

Title (fr)
CHANGEUR DE PRISES

Publication
EP 2671128 A2 20131211 (DE)

Application
EP 12701516 A 20120130

Priority
• DE 102011010388 A 20110205
• EP 2012051397 W 20120130

Abstract (en)
[origin: CA2825987A1] The invention relates to a stepping switch for voltage control, comprising semiconductor switch elements on a variable transformer having associated regulating windings. The stepping switch has a modular design, wherein each module comprises a respective sub-winding of the regulating winding which can be activated or deactivated by semiconductor switch elements.

IPC 8 full level
G05F 1/20 (2006.01); **H01F 29/02** (2006.01); **H02M 5/12** (2006.01)

CPC (source: EP KR US)
E01H 1/1206 (2013.01 - EP); **G05F 1/20** (2013.01 - EP KR US); **H01F 29/02** (2013.01 - KR); **H02M 5/12** (2013.01 - EP KR US); **H02M 5/257** (2013.01 - EP); **H02P 13/06** (2013.01 - EP US); **E01H 2001/1293** (2013.01 - EP); **H01F 29/02** (2013.01 - EP US); **H02M 1/32** (2013.01 - EP)

Citation (search report)
See references of WO 2012104232A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102011010388 A1 20120809; AU 2012213582 A1 20130829; BR 112013018024 A2 20190924; CA 2825987 A1 20120809; CN 103348298 A 20131009; DE 202011110289 U1 20130528; EP 2671128 A2 20131211; JP 2014504808 A 20140224; KR 20140005239 A 20140114; RU 2013140829 A 20150310; US 2014197816 A1 20140717; WO 2012104232 A2 20120809; WO 2012104232 A3 20130523

DOCDB simple family (application)
DE 102011010388 A 20110205; AU 2012213582 A 20120130; BR 112013018024 A 20120130; CA 2825987 A 20120130; CN 201280007661 A 20120130; DE 202011110289 U 20110205; EP 12701516 A 20120130; EP 2012051397 W 20120130; JP 2013552163 A 20120130; KR 20137021519 A 20120130; RU 2013140829 A 20120130; US 201213978717 A 20120130