

Title (en)

ON-LOAD TAP CHANGER WITH ENERGY STORAGE MECHANISM

Title (de)

LASTSTUFENSCHALTER MIT KRAFTSPEICHER

Title (fr)

COMMUTATEUR DE RÉGLAGE EN CHARGE COMPORTANT UN ACCUMULATEUR D ÉNERGIE

Publication

**EP 2457244 B1 20141203 (DE)**

Application

**EP 10718474 A 20100421**

Priority

- DE 102009034627 A 20090724
- EP 2010002429 W 20100421

Abstract (en)

[origin: CA2769125A1] The invention relates to an on-load tap changer having an energy storage device, by means of which an output shaft is rotatable in spurts. According to the invention, in addition to the actual energy storage spring or the actual energy storage springs, at least one further spring is provided, which absorbs/releases energy after the activation of the energy storage mechanism, whereby the torque curve can be optimised.

IPC 8 full level

**H01H 3/30** (2006.01); **H01H 9/00** (2006.01)

CPC (source: EP KR US)

**H01H 3/3052** (2013.01 - EP KR US); **H01H 9/0005** (2013.01 - KR); **H01H 9/0027** (2013.01 - EP KR US)

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009034627 B3 20100909**; BR 112012000693 B1 20191001; CA 2769125 A1 20110127; CN 102473539 A 20120523; CN 102473539 B 20150520; EP 2457244 A1 20120530; EP 2457244 B1 20141203; HK 1167738 A1 20121207; JP 2013500419 A 20130107; JP 5654012 B2 20150114; KR 101702974 B1 20170206; KR 20120032535 A 20120405; RU 2012106615 A 20130827; UA 106498 C2 20140910; US 2012103766 A1 20120503; US 8748758 B2 20140610; WO 2011009503 A1 20110127

DOCDB simple family (application)

**DE 102009034627 A 20090724**; BR 112012000693 A 20100421; CA 2769125 A 20100421; CN 201080032289 A 20100421; EP 10718474 A 20100421; EP 2010002429 W 20100421; HK 12105873 A 20120615; JP 2012520916 A 20100421; KR 20127001722 A 20100421; RU 2012106615 A 20100421; UA A201200707 A 20100421; US 201013380684 A 20100421