

Title (en)
ON-LOAD TAP CHANGER WITH AN ENERGY STORAGE MECHANISM

Title (de)
LASTSTUFENSCHALTER MIT KRAFTSPEICHER

Title (fr)
COMMUTATEUR DE NIVEAU DE CHARGE AVEC ACCUMULATEUR DE FORCE

Publication
EP 1991998 B1 20130116 (DE)

Application
EP 06818371 A 20061104

Priority
• EP 2006010580 W 20061104
• DE 102006008338 A 20060223

Abstract (en)
[origin: DE102006008338B3] A load-tap changer has a power store for interruption-free switching between different winding tapplings of a variable/tapped transformer under load, in which the load tapped changer has an insulation cylinder in the wall of which are arranged tap contacts. At least one power storage spring is a pressure spring (17,18), which is supported at one end on the fixed spring abutment (19). A traction bar is arranged on the drive crank, and at least one movable spring abutment (20, 21) is arranged on the traction rod/bar.

IPC 8 full level
H01H 9/00 (2006.01); **H01H 3/30** (2006.01)

CPC (source: EP KR US)
H01H 3/30 (2013.01 - KR); **H01H 9/00** (2013.01 - KR); **H01H 9/0027** (2013.01 - EP US); **H01H 3/30** (2013.01 - EP 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)
DE 102006008338 B3 20070215; BR PI0621371 A2 20111206; BR PI0621371 B1 20170131; CN 101336462 A 20081231; CN 101336462 B 20120905; EP 1991998 A1 20081119; EP 1991998 B1 20130116; HK 1122397 A1 20090515; JP 2009527907 A 20090730; JP 4682252 B2 20110511; KR 101359592 B1 20140221; KR 20080114698 A 20081231; RU 2008137773 A 20100327; RU 2408106 C2 20101227; UA 91736 C2 20100825; US 2009000927 A1 20090101; US 8119939 B2 20120221; WO 2007095978 A1 20070830

DOCDB simple family (application)
DE 102006008338 A 20060223; BR PI0621371 A 20061104; CN 200680052291 A 20061104; EP 06818371 A 20061104; EP 2006010580 W 20061104; HK 08113250 A 20081204; JP 2008555630 A 20061104; KR 20087020862 A 20061104; RU 2008137773 A 20061104; UA A200810584 A 20061104; US 28056906 A 20061104