

Title (en)
SWITCH-ON ENERGY STORE APPARATUS

Title (de)
EINSCHALTENERGIESPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF ACCUMULATEUR D'ENERGIE DE MISE EN CIRCUIT

Publication
EP 1913613 B1 20091230 (DE)

Application
EP 05774372 A 20050810

Priority
DE 2005001439 W 20050810

Abstract (en)
[origin: US2010089734A1] In order to form a switch-on energy storage apparatus for a circuit breaker, wherein a switch-on energy storage device is held at a first end and is connected to a cam of a tensioning apparatus at a second end, with which tensioning apparatus means interact which limit a return movement. The switch-on energy storage apparatus has a simple and cost-effective design. The means have a ratchet mechanism arranged at the first end of the switch-on energy storage device.

IPC 8 full level
H01H 3/30 (2006.01)

CPC (source: EP US)
H01H 3/3021 (2013.01 - EP US); **H01H 2001/508** (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)
WO 2007016885 A1 20070215; AT E453919 T1 20100115; CN 101283424 A 20081008; CN 101283424 B 20101222;
DE 112005003728 A5 20080710; DE 502005008799 D1 20100211; EP 1913613 A1 20080423; EP 1913613 B1 20091230;
HK 1120922 A1 20090409; JP 2009505336 A 20090205; MX 2008001891 A 20080324; US 2010089734 A1 20100415

DOCDB simple family (application)
DE 2005001439 W 20050810; AT 05774372 T 20050810; CN 200580051808 A 20050810; DE 112005003728 T 20050810;
DE 502005008799 T 20050810; EP 05774372 A 20050810; HK 09100011 A 20090102; JP 2008525370 A 20050810;
MX 2008001891 A 20050810; US 6348908 A 20080211