

Title (en)
SPRING-OPERATED MECHANISM HAVING DELAY CIRCUIT

Title (de)
FEDERSPEICHERANTRIEB MIT VERZÖGERUNGSSCHALTUNG

Title (fr)
MÉCANISME D'ENTRAÎNEMENT À RESSORT ACCUMULATEUR AVEC CIRCUIT TEMPORISATEUR

Publication
EP 2462602 B1 20151007 (DE)

Application
EP 10745133 A 20100726

Priority
• DE 102009035889 A 20090803
• CN 200920169964 U 20090914
• EP 2010004559 W 20100726

Abstract (en)
[origin: WO2011015296A1] The invention relates to a hydromechanical spring-operated mechanism for activation of at least one switch contact of a power switch, particularly in a high voltage substation, said hydromechanical spring-operated mechanism having a hydraulically activated CO (close-open) delay circuit that delays the activation of the switching process of the power switch, wherein there is an electromechanical actuator (10) in place of hydraulic activation of the CO delay circuit.

IPC 8 full level
H01H 3/24 (2006.01); **H01H 3/30** (2006.01); **H01H 33/34** (2006.01)

CPC (source: EP KR US)
H01H 3/24 (2013.01 - KR); **H01H 3/3015** (2013.01 - EP KR US); **H01H 3/3031** (2013.01 - EP KR US); **H01H 33/34** (2013.01 - KR); **H01H 71/44** (2013.01 - KR); **H01H 71/44** (2013.01 - EP US)

Cited by
CN110176369A

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011015296 A1 20110210; CN 102483999 A 20120530; CN 102483999 B 20150930; CN 201616355 U 20101027; DE 102009035889 A1 20110217; DE 102009035889 B4 20111110; EP 2462602 A1 20120613; EP 2462602 B1 20151007; HK 1170598 A1 20130301; JP 2013501325 A 20130110; JP 5559327 B2 20140723; KR 20120038468 A 20120423; US 2012193201 A1 20120802; US 9373455 B2 20160621

DOCDB simple family (application)
EP 2010004559 W 20100726; CN 200920169964 U 20090914; CN 201080034058 A 20100726; DE 102009035889 A 20090803; EP 10745133 A 20100726; HK 12111233 A 20121107; JP 2012523225 A 20100726; KR 20127002970 A 20100726; US 201213366056 A 20120203