

Title (en)  
ENERGY ACCUMULATOR

Title (de)  
KRAFTSPEICHER

Title (fr)  
ACCUMULATEUR D'ÉNERGIE

Publication  
**EP 2663986 A1 20131120 (DE)**

Application  
**EP 11805424 A 20111224**

Priority  
• DE 102011008688 A 20110115  
• EP 2011006565 W 20111224

Abstract (en)  
[origin: WO2012095153A1] The invention relates to an energy accumulator comprising a drive shaft which can be continuously wound up and a driven shaft which can be tripped abruptly, between which a leg spring is arranged. Said energy accumulator also comprises a peripheral, fixed locking ring with locks, which stops the driven shaft by means of a pawl which engages with one of the locks in accordance with the switching position. A drive wheel is arranged on the drive shaft and is fixed thereto, said drive wheel comprising a stop and an energy accumulator support which is arranged on the driven shaft and fixed thereto, said energy accumulator support comprising another stop and which has a pivotable clinker which can engage with one of the locks of the locking ring in accordance with the switching position. Said leg spring is arranged in a manner which is concentric about the drive shaft and the driven shaft and supports itself with both free stop ends thereof on the stop of the drive wheel as well as on the stop of the energy accumulator support.

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

CPC (source: EP)  
**H01H 3/3042** (2013.01); **H01H 9/0027** (2013.01)

Citation (search report)  
See references of WO 2012095153A1

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

DOCDB simple family (publication)  
**DE 102011008688 B3 20120126**; BR 112013016124 A2 20180605; BR 112013016124 B1 20201215; CN 103329230 A 20130925; CN 103329230 B 20160330; EP 2663986 A1 20131120; EP 2663986 B1 20150225; ES 2537401 T3 20150608; HK 1189706 A1 20140613; UA 109801 C2 20151012; WO 2012095153 A1 20120719

DOCDB simple family (application)  
**DE 102011008688 A 20110115**; BR 112013016124 A 20111224; CN 201180065432 A 20111224; EP 11805424 A 20111224; EP 2011006565 W 20111224; ES 11805424 T 20111224; HK 14102314 A 20140307; UA A201308876 A 20111224