

Title (en)
Engine with constant torque

Title (de)
Motor mit konstantem Drehmoment

Title (fr)
Moteur à moment de force constant

Publication
EP 2515185 B1 20190612 (FR)

Application
EP 11163476 A 20110421

Priority
EP 11163476 A 20110421

Abstract (en)
[origin: EP2515185A1] The motor has a power accumulator i.e. strip (14), for accumulating and restituting power to drive a mechanical mechanism between armed state and unarmed state. A controller i.e. rotary part integrated control device (E), controls the accumulator by relative displacement between the controller and the accumulator such that torque created by the accumulator remains constant between the armed state and the unarmed state. The strip has side surface that is toothed and gripped with corresponding teeth on wheels (12, 18) of the controller. The strip is formed from silicon, silicon coated with silicon dioxide, silicon coated with diamond or diamond.

IPC 8 full level
G04B 1/10 (2006.01)

CPC (source: EP)
G04B 1/105 (2013.01)

Cited by
EP3112949A1; EP2856903B1

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)
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