

Title (en)
Holder with an electromagnet

Title (de)
Zuhaltung mit einem Elektromagneten

Title (fr)
Gâchette dotée d'électro-aimants

Publication
EP 2385533 B1 20200603 (DE)

Application
EP 11003229 A 20110418

Priority
DE 102010019495 A 20100506

Abstract (en)
[origin: EP2385533A2] The tumbler (1) has electromagnets (2) controlled by a controller (4) in two conditions with different power requirements. A switching regulator (5) fed from a field bus i.e. actuator sensor-interface bus, is provided as a voltage supplier that is connected in series with a power source (6). The power source forms a Kirchhoff junction between the switching regulator and an energy storage (7). The junction is connected with the controller for the electromagnets. The energy storage is charged during a condition of low power requirement for providing energy for higher power requirement.

IPC 8 full level
H01F 7/18 (2006.01)

CPC (source: EP)
H01F 7/1816 (2013.01)

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)
EP 2385533 A2 20111109; EP 2385533 A3 20171115; EP 2385533 B1 20200603; DE 102010019495 B3 20111110

DOCDB simple family (application)
EP 11003229 A 20110418; DE 102010019495 A 20100506