

Title (en)

ACTUATOR/WEDGE IMPROVEMENTS TO EMBEDDED METER SWITCH

Title (de)

STELLGLIED-KEILVERBESSERUNGEN FÜR EINEN EINGEBETTETEN ZÄHLERSCHALTER

Title (fr)

AMÉLIORATIONS D ACTIONNEUR/COIN APPORTÉES À UN COMMUTATEUR DE COMPTEUR INCLUS

Publication

EP 2304754 A4 20140910 (EN)

Application

EP 09755755 A 20090529

Priority

- US 2009045555 W 20090529
- US 5763208 P 20080530
- US 5762308 P 20080530
- US 47369209 A 20090528
- US 47360809 A 20090528

Abstract (en)

[origin: WO2009146394A1] Disclosed is a wedge shaped actuator device configured to provide separation of spring supported electrical contacts in an electrical switch. The wedge is configured with dual contour sides to maximize transfer of energy from a drive solenoid to the contact carrying springs. Portions of the wedge are relieved to allow for uninhibited movement of the wedge over side surfaces of the contact carrying springs to avoid digging in of any rough materials from the side edges of the spring as may be occasioned due to stamping techniques used to form the springs.

IPC 8 full level

H01H 27/04 (2006.01); **G01R 11/02** (2006.01); **H01H 9/32** (2006.01)

CPC (source: EP)

H01H 1/26 (2013.01); **H01H 9/32** (2013.01); **H01H 50/56** (2013.01); **G01R 11/02** (2013.01)

Citation (search report)

- [X] WO 2005106907 A1 20051110 - BLP COMPONENTS LTD [GB], et al
- See references of WO 2009146394A1

Designated contracting state (EPC)

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 TR

DOCDB simple family (publication)

WO 2009146394 A1 20091203; EP 2301122 A2 20110330; EP 2301122 A4 20190529; EP 2301122 B1 20200527; EP 2304754 A1 20110406; EP 2304754 A4 20140910; MX 2010013149 A 20101217; MX 2010013150 A 20101217; WO 2009146393 A2 20091203; WO 2009146393 A3 20190523

DOCDB simple family (application)

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