

Title (en)

Microswitch for a coaxial plug connector

Title (de)

Mikroschalter für einen koaxialen Steckverbinder

Title (fr)

Micro-commutateurs pour un connecteur à fiches coaxial

Publication

EP 2053704 A3 20090805 (DE)

Application

EP 08018379 A 20081021

Priority

DE 102007051101 A 20071024

Abstract (en)

[origin: EP2053704A2] The microswitch has a cross flat spring (110) comprising a central bar (111) with a contact end (113) and a fastening end (114), and a cross bar (112) extending away from the central bar on both sides. The cross bar is formed in a single piece at the central bar. The cross bar is pretensioned in a curve-shape. The fastening end and a counter contact (130) are curved in right angles. The central bar and the counter contact are arranged in a contact area (115) in an overlapping manner. A housing has an actuation opening located over a cross point of the central bar and the cross bar.

IPC 8 full level

H01R 13/646 (2011.01)

CPC (source: EP US)

H01R 24/46 (2013.01 - EP US); **H01R 13/7031** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

- [X] GB 2307113 A 19970514 - ITT IND LTD [GB]
- [A] EP 1139505 A2 20011004 - MATSUSHITA ELECTRIC WORKS LTD [JP]
- [A] US 5625177 A 19970429 - YUKINORI MIYAKE [JP], et al

Cited by

WO2010008884A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2053704 A2 20090429; **EP 2053704 A3 20090805**; DE 102007051101 A1 20091008; US 2009111302 A1 20090430

DOCDB simple family (application)

EP 08018379 A 20081021; DE 102007051101 A 20071024; US 25627608 A 20081022