

Title (en)  
SWITCH STRUCTURE AND SWITCH

Title (de)  
SCHALTSTRUKTUR UND SCHALTER

Title (fr)  
STRUCTURE DE COMMUTATION ET COMMUTATEUR

Publication  
**EP 3086339 A1 20161026 (EN)**

Application  
**EP 16165156 A 20160413**

Priority  
JP 2015087952 A 20150422

Abstract (en)  
[Solution] Switch structure 1 for switching between electrical connection and disconnection of fixed contact 223 and wire 2 includes: switching element 300 made of sheet metal and including movable contact 310 which comes into contact with and separates from fixed contact 223; and first terminal member 110 made of sheet metal and including first portion 111 which includes a pivot portion serving as a pivot on which switching element 300 swings, and second portion 112 with which the wire comes into contact, wherein the sheet metal of first terminal member 110 is metal plate 110M having first surface S1 and second surface S2 opposite first surface S1, and first surface S1 includes a surface of first portion 111 with which switching element 300 is in contact at the pivot portion, and a surface of second portion 112 with which wire 2 comes into contact.

IPC 8 full level  
**H01H 1/58** (2006.01); **H01H 11/04** (2006.01); **H01H 23/20** (2006.01)

CPC (source: EP)  
**H01H 1/5833** (2013.01); **H01H 1/5855** (2013.01); **H01H 11/04** (2013.01); **H01H 23/205** (2013.01); **H01H 2001/5861** (2013.01)

Citation (applicant)  
JP H01151122 A 19890613 - JIMBO ELECTRIC

Citation (search report)

- [XYI] US 2005067269 A1 20050331 - HUANG HUADAO [JP]
- [XYI] US 2005098420 A1 20050512 - GOUHL ERIK J [US], et al
- [XYI] FR 2298176 A1 19760813 - BASSANI SPA [IT]
- [Y] JP 2014120209 A 20140630 - PANASONIC CORP
- [Y] US 2002081914 A1 20020627 - TAKAYA KOUETSU [JP], et al
- [Y] FR 2990293 A1 20131108 - NEXANS [FR]

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3086339 A1 20161026**; JP 2016207473 A 20161208

DOCDB simple family (application)  
**EP 16165156 A 20160413**; JP 2015087952 A 20150422