

Title (en)

Contact assembly for low current use

Title (de)

Kontaktanordnung für Schwachstromanwendungen

Title (fr)

Agencement de contact pour application à faible courant

Publication

EP 2242070 B1 20150708 (DE)

Application

EP 10004094 A 20100416

Priority

DE 102009018035 A 20090418

Abstract (en)

[origin: EP2242069A1] The arrangement has two fixed contacts (FK) comprising a contact material, and a movable contact i.e. contact bridge (T) longitudinally movable on the fixed contacts. A contact holder carries a contact piece (KQ) at the movable contact. Material pairing of contact elements is provided such that the contact material comprises a metallic conductor material such as copper or silver alloy, and another contact material has a composition consisting of maximum of 100 percent carbon material. The contact piece is provided at a movable contact and bridges the fixed contacts.

IPC 8 full level

H01H 1/027 (2006.01)

CPC (source: EP US)

H01H 1/027 (2013.01 - EP US); **H01H 1/20** (2013.01 - EP US)

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 SM TR

DOCDB simple family (publication)

EP 2242069 A1 20101020; DE 102009018035 A1 20101028; EP 2242070 A1 20101020; EP 2242070 B1 20150708; US 2010294634 A1 20101125; US 8344276 B2 20130101

DOCDB simple family (application)

EP 10004035 A 20100416; DE 102009018035 A 20090418; EP 10004094 A 20100416; US 76118810 A 20100415