

Title (en)

CONTACT ARRANGEMENT FOR A LOW-VOLTAGE CIRCUIT BREAKER WITH A FLEXIBLE CURRENT CONDUCTOR

Publication

EP 0219449 B1 19890621 (DE)

Application

EP 86730133 A 19860905

Priority

DE 3536112 A 19851007

Abstract (en)

[origin: US4727345A] A contact arrangement for a low-voltage circuit breaker comprises a pivotally mounted holder for two or more contact levers which are connected by flexible current leads to a fixed connecting device or connecting bar. Between the current leads, a spacer is arranged which comprises, besides a wall portion separating the current leads, lateral projections of pocket or tub-shaped form. The projections provide a seating surface for a leg of the current lead bent in loop form as well as a protective arch contiguous with the seating surface for protecting any damaged sheets of the current leads. The spacer comprising an insulating material, is provided with an opening for a joint pin provided for the pivotable suspension of the holder.

IPC 1-7

H01H 1/58

IPC 8 full level

H01H 1/22 (2006.01); **H01H 1/58** (2006.01)

CPC (source: EP US)

H01H 1/5822 (2013.01 - EP US); **H01H 1/226** (2013.01 - EP US); **H01H 1/54** (2013.01 - EP US); **H01H 2001/228** (2013.01 - EP US); **H01H 2001/5827** (2013.01 - EP US)

Cited by

FR3007572A1; EP0422868A3; DE19715115A1; DE19715115C2; US9576750B2; WO2012017282A1; WO2005104154A2; US6717089B1; WO0127948A1; WO2005104154A3

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0219449 A1 19870422; **EP 0219449 B1 19890621**; DE 3536112 A1 19870409; DE 3664075 D1 19890727; JP H0353729 B2 19910816; JP S6288222 A 19870422; US 4727345 A 19880223

DOCDB simple family (application)

EP 86730133 A 19860905; DE 3536112 A 19851007; DE 3664075 T 19860905; JP 23605686 A 19861003; US 90921686 A 19860918