

Title (en)

Support shaft of the movable contacts in an electric current breaking apparatus, and current breaking apparatus comprising same, in particular a coupling breaker

Title (de)

Kontaktarme tragende Schaltwelle in einem Schaltgerät, und damit versehenes Schaltgerät, insbesondere ein Abzweigschalter

Title (fr)

Arbre de support des contacts mobiles dans un appareil de coupure du courant électrique, et appareil de coupure de courant le comportant, en particulier un disjoncteur de branchement

Publication

EP 2743947 B1 20181031 (FR)

Application

EP 13191327 A 20131104

Priority

FR 1262049 A 20121214

Abstract (en)

[origin: EP2743947A1] The shaft (8) has a mechanical connection unit (45) located in vicinity of an end of the shaft. Two zones are provided on two sides to retain mobile contacts (7) and a contact pressure spring. A set of parts is formed in certain shape to ensure rigidity of the shaft and transmission of a mechanical torque throughout the shaft. A reset unit is formed in corresponding shape of the shaft to allow resetting of various thermal triggers belonging to different phase subsets after an opening on defect. An independent claim is also included for an electric current breaking apparatus.

IPC 8 full level

H01H 1/22 (2006.01); **H01H 71/00** (2006.01); **H01H 71/10** (2006.01); **H01H 71/16** (2006.01)

CPC (source: EP)

H01H 1/225 (2013.01); **H01H 71/002** (2013.01); **H01H 71/1072** (2013.01); **H01H 71/162** (2013.01); **H01H 2009/0088** (2013.01)

Cited by

CN104538215A

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

DOCDB simple family (publication)

EP 2743947 A1 20140618; **EP 2743947 B1 20181031**; ES 2708312 T3 20190409; FR 2999793 A1 20140620; MA 35393 B1 20140901; PT 2743947 T 20181203

DOCDB simple family (application)

EP 13191327 A 20131104; ES 13191327 T 20131104; FR 1262049 A 20121214; MA 36449 A 20131115; PT 13191327 T 20131104