

Title (en)

Circuit breaker with heat shrunk fixed elements

Title (de)

Lastschalter feststehende Elementen mittels Schrumpfsitz

Title (fr)

Disjoncteur à éléments fixes par frettage

Publication

**EP 0588709 B1 19961218 (FR)**

Application

**EP 93402231 A 19930914**

Priority

FR 9211157 A 19920918

Abstract (en)

[origin: EP0588709A1] The present invention relates to a circuit breaker comprising the component elements which are a first (1) and a second (2) fixed contact, a movable arc contact-carrying tube (3) and a blowing nozzle (4) characterised in that at least one of its component elements is fixed by heat shrinking. As far as the blowing nozzle (4) is concerned, it is in abutment against one end of a tubular support part (5) with an annular end flange (6), and counter-abutted against an end part of the first fixed contact (1), which is itself fixed by a heatshrunk ring (7) onto the annular flange (6) of the support part (5). <IMAGE>

IPC 1-7

**H01H 33/70**; **H01H 33/91**

IPC 8 full level

**H01H 33/04** (2006.01); **H01H 33/70** (2006.01); **H01H 33/91** (2006.01)

CPC (source: EP US)

**H01H 33/7061** (2013.01 - EP US); **H01H 33/91** (2013.01 - EP US)

Cited by

FR3043267A1; WO2011141480A1; WO2022053391A1; WO2017076930A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0588709 A1 19940323**; **EP 0588709 B1 19961218**; DE 69306707 D1 19970130; DE 69306707 T2 19970430; ES 2095602 T3 19970216; FR 2696041 A1 19940325; FR 2696041 B1 19941014; JP 2848767 B2 19990120; JP H06196052 A 19940715; US 5424503 A 19950613

DOCDB simple family (application)

**EP 93402231 A 19930914**; DE 69306707 T 19930914; ES 93402231 T 19930914; FR 9211157 A 19920918; JP 23154493 A 19930917; US 11820893 A 19930909