

Title (en)
Circuit breaker with two interrupting units per phase

Title (de)
Lastschalter mit zwei Löschkammern je Pol

Title (fr)
Disjoncteur à deux chambres de coupure par pôles

Publication
EP 0721197 B1 20020306 (FR)

Application
EP 96400006 A 19960102

Priority
• FR 9500114 A 19950106
• FR 9505852 A 19950517

Abstract (en)
[origin: EP0721197A1] The circuit breaker has two identical chambers of each pole, each having a ceramic enclosure (10,10') containing mobile and semi-mobile main contacts (12,17). The mobile main contact (12) is integral with a moving arc contact, a blowout cylinder (14) and a nozzle (15). A semi-mobile arc contact (18) is guided within a metallic cylinder (20). The mobile assembly is driven by a push-rod connected by levers (31) to an actuating rod (32) operated by a control at the foot of the insulating column (3). It is coupled to the semi-mobile assembly by insulating rods (e.g. 41A,42A;51A,52A) jointed (43,53) in the central casing (4). These ensure that the semi-mobile assemblies move at the same speed as the mobile ones and in the opposite direction.

IPC 1-7
H01H 33/14

IPC 8 full level
H01H 33/14 (2006.01)

CPC (source: EP US)
H01H 33/14 (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Cited by
FR2922354A1; FR2752086A1; RU2644387C2; US8653395B2; WO2012038401A1; WO2009050154A1; WO2014191154A1; US7579570B2; US9666392B2

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EP 0721197 A1 19960710; EP 0721197 B1 20020306; AT E214199 T1 20020315; BR 9600040 A 19980127; CA 2166663 A1 19960707; CA 2166663 C 19991130; CN 1069993 C 20010822; CN 1134595 A 19961030; DE 69619568 D1 20020411; DE 69619568 T2 20021121; ES 2170839 T3 20020816; US 5668360 A 19970916

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