

Title (en)
HV circuit breaker with closing resistor

Title (de)
Hochspannungslastschalter mit Einschalt-Widerstand

Title (fr)
Disjoncteur à haute tension à résistance insérée à la fermeture

Publication
EP 0788125 B1 20020313 (FR)

Application
EP 97400180 A 19970127

Priority
FR 9601129 A 19960131

Abstract (en)
[origin: EP0788125A1] The high tension circuit breaker comprises an envelope filled with dielectric gas, containing a first arc contact (50) and a second arc contact (70) which are mobile in opposite directions w.r.t. each other. The first contact is solidly attached to a ring (54) on a tube (55) sliding in a support (41) which is electrically connected to a first current terminal (40). The ring is made of insulating material. The first contact (50) is extended by a rod (51) which is coaxial with this contact, but arranged on the side of the contact which is opposite the second contact. This rod is connected to a resistance (21,22) and carries a switching element (58) arranged to directly electrically connect the rod and the support part (41) in the course of closure.

IPC 1-7
H01H 33/16

IPC 8 full level
H01H 33/16 (2006.01)

CPC (source: EP US)
H01H 33/166 (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE ES GB IT LI SE

DOCDB simple family (publication)
EP 0788125 A1 19970806; EP 0788125 B1 20020313; AT E214513 T1 20020315; CA 2196442 A1 19970801; CA 2196442 C 19990817; CN 1084036 C 20020501; CN 1160920 A 19971001; DE 69710934 D1 20020418; DE 69710934 T2 20021107; ES 2170921 T3 20020816; FR 2744283 A1 19970801; FR 2744283 B1 19980227; ID 15855 A 19970814; US 5717184 A 19980210

DOCDB simple family (application)
EP 97400180 A 19970127; AT 97400180 T 19970127; CA 2196442 A 19970130; CN 97101050 A 19970127; DE 69710934 T 19970127; ES 97400180 T 19970127; FR 9601129 A 19960131; ID 970278 A 19970130; US 78701297 A 19970129