

Title (en)
HIGH VOLTAGE HYBRID CIRCUIT-BREAKER

Title (de)
HYBRID-HOCHSPANNUNGSSCHALTER

Title (fr)
DISJONCTEUR HYBRIDE A HAUTE TENSION

Publication
EP 0847586 A1 19980617 (FR)

Application
EP 96927104 A 19960730

Priority
• FR 9601197 W 19960730
• FR 9510326 A 19950831

Abstract (en)
[origin: WO9708723A1] A high voltage hybrid circuit-breaker has an arc circuit with a gas circuit-breaker (30) connected in series with a vacuum bulb (54). The housing is subdivided into a first compartment (12) enclosed by an insulator (46) for housing the primary contacts (24, 26, 28) of the primary circuit (18) and of the gas circuit-breaker (30), and a second adjacent compartment (14) containing the vacuum bulb (54), defined by a conductive metallic shell (48). The movable arcing contact (34) of the gas circuit-breaker (30) is actuated with the movable primary contact (24) by a primary control rod (84) connected to a common mechanism, wherein the displacement of the movable arcing contact (62) of the vacuum bulb (54) is derived from the translational movement of the primary rod (84) through an intermediate transmission lever (72) received in the second compartment (14).

IPC 1-7
H01H 33/66; **H01H 33/14**

IPC 8 full level
H01H 33/666 (2006.01); **H01H 33/14** (2006.01)

CPC (source: EP US)
H01H 33/6661 (2013.01 - EP US); **H01H 33/143** (2013.01 - EP US)

Citation (search report)
See references of WO 9708723A1

Cited by
CN104201048A; DE19958646A1; DE19958646C2; EP1523024A1; FR2860915A1; EP1109187A1; DE19958645A1; DE19958645C2; DE19958645C5; US6437273B2; US6437274B2; US6727453B2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
WO 9708723 A1 19970306; DE 69602200 D1 19990527; DE 69602200 T2 19991118; EP 0847586 A1 19980617; EP 0847586 B1 19990421; ES 2132946 T3 19990816; FR 2738389 A1 19970307; FR 2738389 B1 19971024; US 5905242 A 19990518

DOCDB simple family (application)
FR 9601197 W 19960730; DE 69602200 T 19960730; EP 96927104 A 19960730; ES 96927104 T 19960730; FR 9510326 A 19950831; US 1162198 A 19980212