

Title (en)

Hybrid circuit breaker for middle or high voltage with vacuum and gas

Title (de)

Hybridleistungsschalter für Hoch- oder Mittelspannung mit Vakuum und Gas

Title (fr)

Dispositif interrupteur pour haute ou moyenne tension à coupure mixte par vide et gaz

Publication

EP 1271590 B1 20100811 (FR)

Application

EP 02291495 A 20020614

Priority

FR 0108319 A 20010625

Abstract (en)

[origin: EP1271590A1] The hybrid circuit breaker has an outer envelope (12) with a vacuum switch (10) and a gas filled (11) circuit breaker both with contacts (1,2), (3,4). A connection mechanism (13) moves longitudinally activating the first contact set. There is a movement mechanism connected to the connection mechanism displacing also the third and fourth contacts. Movement is by contact following a dead course region (D) which holds the circuit breaker under vacuum.

IPC 8 full level

H01H 33/14 (2006.01); **H01H 33/66** (2006.01); **H01H 33/42** (2006.01)

CPC (source: EP US)

H01H 33/143 (2013.01 - EP US); **H01H 33/6661** (2013.01 - EP US); **H01H 2033/566** (2013.01 - EP US)

Cited by

EP1369888A1; FR2839193A1; FR2840729A1; EP4336536A1; US6849819B2; EP2546851A1; WO2024052194A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1271590 A1 20030102; **EP 1271590 B1 20100811**; AT E477580 T1 20100815; CA 2389902 A1 20021225; CN 1393900 A 20030129; DE 60237265 D1 20100923; FR 2826503 A1 20021227; FR 2826503 B1 20030905; JP 2003022736 A 20030124; JP 4210078 B2 20090114; US 2002195425 A1 20021226; US 6593538 B2 20030715

DOCDB simple family (application)

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