

Title (en)
VACUUM INTERRUPTER CHAMBER WITH RING-SHAPED INSULATOR

Title (de)
VAKUUMSCHALKAMMER MIT RINGFÖRMIGEM ISOLATOR

Title (fr)
CHAMBRE D'INTERRUPTION SOUS VIDE DOTÉE D'UN ISOLATEUR ANNULAIRE

Publication
EP 1155429 B1 20030108 (DE)

Application
EP 00912399 A 20000225

Priority
• DE 0000576 W 20000225
• DE 19910148 A 19990226

Abstract (en)
[origin: DE19910148A1] The novel vacuum interrupter chamber is provided for circuit-breakers in the low voltage range and is characterised by a compact structural shape with low height and high switching performance. The housing of said vacuum interrupter chamber consists of a plate-like power connection (21), a cylindrical wall component (3) which surrounds flat spiral petal contacts (6, 7), a ring-shaped insulator (4) and a diaphragm disc (5) with a centred power supplying pin (2).

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/66 (2006.01); **H01H 33/662** (2006.01)

CPC (source: EP US)
H01H 33/66207 (2013.01 - EP US); **H01H 33/66238** (2013.01 - EP US); **H01H 2033/6613** (2013.01 - EP US)

Cited by
CN102931009A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 19910148 A1 20000914; **DE 19910148 C2 20010322**; CN 1178254 C 20041201; CN 1341267 A 20020320; DE 50001042 D1 20030213; EP 1155429 A1 20011121; EP 1155429 B1 20030108; HK 1042773 A1 20020823; HK 1042773 B 20050506; JP 2002538592 A 20021112; US 6864456 B1 20050308; WO 0052719 A1 20000908

DOCDB simple family (application)
DE 19910148 A 19990226; CN 00804345 A 20000225; DE 0000576 W 20000225; DE 50001042 T 20000225; EP 00912399 A 20000225; HK 02104505 A 20020618; JP 2000603058 A 20000225; US 91419302 A 20020103