

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

Title (de)  
VAKUUMSCHALKAMMER MIT RINGFÖRMIGEM ISOLATOR

Title (fr)  
CHAMBRE D'INTERRUPTION SOUS VIDE DOTEE 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

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