

Title (en)  
VACUUM INTERRUPTER POLE AND ITS ASSOCIATED ELECTRICAL DEVICE

Title (de)  
VAKUUMSCHALTERPOL UND ZUGEHÖRIGE ELEKTRISCHE VORRICHTUNG

Title (fr)  
PÔLE D'INTERRUPTEUR À VIDE ET SON DISPOSITIF ÉLECTRIQUE ASSOCIÉ

Publication  
**EP 4300526 A1 20240103 (EN)**

Application  
**EP 23182729 A 20230630**

Priority  
CN 202210767562 A 20220630

Abstract (en)  
[origin: CN115172094A] The invention provides an improved vacuum interrupter pole for a circuit breaker and related electrical equipment. The vacuum arc-extinguishing chamber pole comprises a vacuum arc-extinguishing chamber. An insulating support housing for accommodating and supporting the vacuum interrupter and having a top wall and side walls defining a U-shape, the vacuum interrupter adapted to be disposed within an internal space defined by the side walls via an open side of the U-shape; and the conductive connecting piece is provided with a first end and a second end, the first end is fastened between the top wall and the vacuum arc-extinguishing chamber and is electrically connected to the vacuum arc-extinguishing chamber, and the second end is suitable for being used as a supporting point of an isolating switch moving knife component electrically connected with the circuit breaker.

IPC 8 full level  
**H01H 9/52** (2006.01); **H01H 31/28** (2006.01); **H01H 33/02** (2006.01); **H01H 33/12** (2006.01); **H01H 33/66** (2006.01); **H01H 33/662** (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP)  
**H01H 9/52** (2013.01 - CN); **H01H 33/122** (2013.01 - EP); **H01H 33/6606** (2013.01 - EP); **H01H 33/66207** (2013.01 - EP); **H01H 33/664** (2013.01 - CN); **H01H 33/666** (2013.01 - CN); **H01H 33/6661** (2013.01 - EP); **H01H 31/28** (2013.01 - EP); **H01H 2009/526** (2013.01 - EP)

Citation (search report)

- [IAY] KR 19980037833 U 19980915
- [YA] CN 106816341 A 20170609 - WENZHO KAIYUAN GROUP CO LTD
- [Y] CN 106952774 A 20170714 - ASIA ELECTRICAL POWER EQUIPMENT (SHENZHEN) CO LTD
- [Y] DE 102009020152 B3 20101223 - SIEMENS AG [DE]
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4300526 A1 20240103**; CN 115172094 A 20221011

DOCDB simple family (application)  
**EP 23182729 A 20230630**; CN 202210767562 A 20220630