

Title (en)  
VACUUM-SWITCHING TUBES

Publication  
**EP 0225562 B1 19890920 (DE)**

Application  
**EP 86116578 A 19861128**

Priority  
DE 3542742 A 19851203

Abstract (en)  
[origin: US4737605A] A vacuum switching tube includes a pair of switch contacts having a larger diameter than their appertaining contact pins, an axial magnetic field being generated in the region of the switch contacts by a shield having high electrical conductivity. The shield is subdivided in an axial direction, is not connected electrically to any of the switch contacts, and is arranged potential-free. The present vacuum switching tube is suited for vacuum switching in a high short circuit breaking capacity.

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

IPC 8 full level  
**H01H 33/66** (2006.01); **H01H 33/664** (2006.01)

CPC (source: EP US)  
**H01H 33/6645** (2013.01 - EP US); **H01H 33/66261** (2013.01 - EP US); **H01H 2033/66269** (2013.01 - EP US)

Cited by  
DE102016225919A1; WO2010037614A1; WO2024017674A1

Designated contracting state (EPC)  
CH DE LI

DOCDB simple family (publication)  
**EP 0225562 A1 19870616**; **EP 0225562 B1 19890920**; DE 3665791 D1 19891026; DE 8534022 U1 19870611; JP S62133623 A 19870616; US 4737605 A 19880412

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**EP 86116578 A 19861128**; DE 3665791 T 19861128; DE 8534022 U 19851203; JP 28756486 A 19861201; US 93433786 A 19861124