

Title (en)  
Switching-chamber and high-power circuit-breaker

Title (de)  
Schaltkammer und Hochleistungsschalter

Title (fr)  
Chambre de commutation et disjoncteur-limiteur

Publication  
**EP 1630841 A1 20060301 (DE)**

Application  
**EP 04405527 A 20040823**

Priority  
EP 04405527 A 20040823

Abstract (en)  
The high power electrical switch has a movable contact [2] which when moved away from the fixed contact [1] causes arcing [4] to occur within a closed space. A heated space [11] provides heated gas to extinguish the arc. The formed body serves to guided the gas to the arcing region. The maximum relative velocity of contact separation is set to aid the process.

IPC 8 full level  
**H01H 33/90** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)  
**H01H 33/901** (2013.01 - EP US); **H01H 11/0062** (2013.01 - EP US); **H01H 33/7023** (2013.01 - EP US); **H01H 33/904** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Citation (search report)

- [DA] EP 1211706 A1 20020605 - SCHNEIDER ELECTRIC HIGH VOLTAG [FR]
- [A] WO 0052721 A1 20000908 - ALSTOM [FR], et al

Cited by  
EP2887367A1; WO2011018426A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1630841 A1 20060301**; **EP 1630841 B1 20101006**; AT E484067 T1 20101015; CN 101048837 A 20071003; CN 101048837 B 20101222; DE 502004011745 D1 20101118; JP 2008511107 A 20080410; JP 4833980 B2 20111207; US 2007205182 A1 20070906; US 7566842 B2 20090728; WO 2006021109 A1 20060302; WO 2006021109 A8 20060420

DOCDB simple family (application)  
**EP 04405527 A 20040823**; AT 04405527 T 20040823; CH 2005000433 W 20050722; CN 200580036307 A 20050722; DE 502004011745 T 20040823; JP 2007528550 A 20050722; US 70981907 A 20070223