

Title (en)  
POWER SWITCH

Title (de)  
LEISTUNGSSCHALTER

Title (fr)  
INTERRUPTEUR DE PUISSANCE

Publication  
**EP 1444713 B1 20050323 (DE)**

Application  
**EP 02803738 A 20021029**

Priority  
• DE 0204061 W 20021029  
• DE 10156535 A 20011114

Abstract (en)  
[origin: WO03046939A1] The invention relates to a power switch (100) that comprises a contact element (105, 107) mobile in an axial direction and an extinction gas flow that moves in said axial direction when the switch is actuated. Said extinction gas flow is coaxially surrounded by a flow guide device (1, 1a,b,c) one surface area of which is provided with at least one discharge opening (10a,b,c,d,e,f,g,h,i,j,k,l; 12a,b,c,d,e,f) for deflecting at least a part of the extinction gas flow towards a discharge direction, said discharge direction being oriented tangential and substantially at an angle to the axial direction.

IPC 1-7  
**H01H 33/88**

IPC 8 full level  
**H01H 33/88** (2006.01)

CPC (source: EP US)  
**H01H 33/88** (2013.01 - EP US); **H01H 2033/888** (2013.01 - EP US)

Cited by  
EP1768150A1; KR101320770B1; US8389886B2

Designated contracting state (EPC)  
CH DE FR LI

DOCDB simple family (publication)  
**WO 03046939 A1 20030605**; DE 10156535 C1 20030626; DE 50202588 D1 20050428; EP 1444713 A1 20040811; EP 1444713 B1 20050323; EP 1444713 B2 20091111; RU 2004117866 A 20060110; RU 2293393 C2 20070210; US 2004256361 A1 20041223; US 7022922 B2 20060404

DOCDB simple family (application)  
**DE 0204061 W 20021029**; DE 10156535 A 20011114; DE 50202588 T 20021029; EP 02803738 A 20021029; RU 2004117866 A 20021029; US 49545404 A 20040513