

Title (en)  
LOAD-BREAK SWITCH

Title (de)  
LASTTRENNSCHALTER

Title (fr)  
SECTIONNEUR À COUPURE EN CHARGE

Publication  
**EP 1875482 A1 20080109 (DE)**

Application  
**EP 06724371 A 20060418**

Priority  
• EP 2006003500 W 20060418  
• DE 102005019424 A 20050425

Abstract (en)  
[origin: DE102005019424A1] The breaker has a main contact point, an arc rupture contact point, and mobile contact and stationary contact arrangements. The mobile contacting unit has a contact cylinder that is connected to a contact support. A blowing cylinder (29) is provided at the contact cylinder and includes an opening, whose inner diameter is equal to an outer diameter of a section of a contact pin such that the contact unit is separated from the contact pin section. An insulating plastic material of the blowing cylinder is made of gas releasing material.

IPC 8 full level  
**H01H 1/38** (2006.01)

CPC (source: EP NO US)  
**H01H 1/385** (2013.01 - EP NO US); **H01H 33/12** (2013.01 - EP NO US); **H01H 33/7023** (2013.01 - EP NO US)

Citation (search report)  
See references of WO 2006114214A1

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

DOCDB simple family (publication)  
**DE 102005019424 A1 20061102**; CN 101167149 A 20080423; CN 101167149 B 20130821; EP 1875482 A1 20080109;  
EP 1875482 B1 20180905; ES 2701015 T3 20190220; NO 20076049 L 20071126; NO 339874 B1 20170213; US 2009314745 A1 20091224;  
US 8232496 B2 20120731; WO 2006114214 A1 20061102

DOCDB simple family (application)  
**DE 102005019424 A 20050425**; CN 200680013925 A 20060418; EP 06724371 A 20060418; EP 2006003500 W 20060418;  
ES 06724371 T 20060418; NO 20076049 A 20071126; US 91917706 A 20060418