

Title (en)  
Disconnecting switch

Title (de)  
Trennschalter

Title (fr)  
Sectionneur

Publication  
**EP 1187157 B1 20061102 (DE)**

Application  
**EP 00810793 A 20000904**

Priority  
EP 00810793 A 20000904

Abstract (en)  
[origin: US2002028594A1] The disconnecter essentially comprises two isolating contacts (2), which are arranged in electrically conductive encapsulation (1) filled with insulating gas, and an isolating contact finger (3) arranged such that it can be moved between them. An insulation coating (7) is applied to the inside of the encapsulation (1) and has projections (8) pointing inward. The insulation coating prevents a disconnecter spark (5), whose production cannot be avoided when the disconnecter is opened, from flashing over onto the encapsulation (1). Furthermore, additional projections (9) prevent the spark from propagating in the direction of the isolating contacts (2).

IPC 8 full level  
**H01B 17/00** (2006.01); **H01H 31/32** (2006.01); **H01H 33/24** (2006.01); **H01H 33/56** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP KR US)  
**H01B 17/00** (2013.01 - KR); **H01H 31/32** (2013.01 - EP US); **H01H 33/24** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE FR GB LI

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**EP 1187157 A1 20020313**; **EP 1187157 B1 20061102**; AU 6361201 A 20020307; AU 780289 B2 20050317; CN 1186792 C 20050126; CN 1345079 A 20020417; DE 50013696 D1 20061214; JP 2002133980 A 20020510; KR 100771031 B1 20071029; KR 20020018958 A 20020309; US 2002028594 A1 20020307; US 6506067 B2 20030114

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**EP 00810793 A 20000904**; AU 6361201 A 20010823; CN 01141238 A 20010904; DE 50013696 T 20000904; JP 2001267073 A 20010904; KR 20010053155 A 20010831; US 94291601 A 20010831