

Title (en)

Safety circuit breaker with light arc chamber

Title (de)

Sicherungs-Lasttrennschalter mit Lichtbogenkammer

Title (fr)

Sectionneur à coupure en charge de sécurité doté d'une boîte d'extinction d'arc

Publication

**EP 1903589 B1 20141001 (DE)**

Application

**EP 07115175 A 20070829**

Priority

DE 102006044658 A 20060921

Abstract (en)

[origin: EP1903589A2] The load-disconnecting safety switch has a fixed contact part firmly arranged on the switch, which contacts a contact knife. A hollow arcing chamber (9) is provided, whose inner space is divided into three partial chambers. The arcing chamber is arranged in switch opening direction, over each of the fixed contact parts in a connecting-phase of the load-disconnecting safety switch. The three partial chambers have grooves (8,10) in one of their outer walls.

IPC 8 full level

**H01H 9/34** (2006.01); **H01H 31/12** (2006.01)

CPC (source: EP)

**H01H 9/34** (2013.01); **H01H 9/342** (2013.01); **H01H 31/122** (2013.01)

Cited by

DE102007044390B3

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1903589 A2 20080326; EP 1903589 A3 20090114; EP 1903589 B1 20141001**

DOCDB simple family (application)

**EP 07115175 A 20070829**