

Title (en)  
ARC QUENCHING CHAMBER INSERT

Title (de)  
LICHTBOGENLÖSCHKAMMEREINSATZ

Title (fr)  
INSERT DE CHAMBRE D'EXTINCTION D'ARC

Publication  
**EP 3053177 A1 20160810 (DE)**

Application  
**EP 14790097 A 20141029**

Priority  
• DE 102013111902 A 20131029  
• EP 2014073169 W 20141029

Abstract (en)  
[origin: WO2015063120A1] In an arc quenching chamber insert (1) for an electrical switching device (2), in which the arc quenching chamber insert (1) comprises a metal plate holder (3) made of an insulating material, and in which a predefinable plurality of metal plates (4) are mounted in the metal plate holder (3) in a predefinable spaced relation to each other, it is proposed that a first end region (5) of the metal plate holder (3) be designed with predefinable contouring, and that a second end region (6) of the metal plate holder (3) at the opposite end from the first end region (5) have mirror-inverted contouring compared with the first end region (5).

IPC 8 full level  
**H01H 9/34** (2006.01)

CPC (source: EP US)  
**H01H 9/346** (2013.01 - EP US); **H01H 33/10** (2013.01 - US); **H01H 9/362** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015063120A1

Citation (examination)  
WO 9522157 A1 19950817 - SQUARE D CO [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015063120 A1 20150507**; CN 105684118 A 20160615; EP 3053177 A1 20160810; US 2016254107 A1 20160901

DOCDB simple family (application)  
**EP 2014073169 W 20141029**; CN 201480059388 A 20141029; EP 14790097 A 20141029; US 201415032314 A 20141029