

Title (en)  
ELECTRIC ARC-CONTROL DEVICE

Title (de)  
LICHTBOGENSTEUERUNGSVORRICHTUNG

Title (fr)  
CHAMBRE DE COUPURE D'ARC ÉLECTRIQUE

Publication  
**EP 3210224 A1 20170830 (FR)**

Application  
**EP 15791326 A 20151020**

Priority  
• FR 1460149 A 20141022  
• FR 2015052806 W 20151020

Abstract (en)  
[origin: WO2016062959A1] The present invention relates to an electric arc control-device (1) comprising: a stack of metal sheets (2) for splitting an electric arc, the splitting metal sheets (2) defining an inlet (10) of the arc-control device (1), said inlet being present opposite electrical contacts (22, 25) and a back wall (11) of the arc-control device (1); and at least one permanent magnet (5) inside the arc-control device (1), in a central area (Zc) in the direction of the width of the arc-control device (1) and on the side of the back wall (11) of the latter. The magnet (5) has magnetization (15) having a nonzero component along an axis (Y) extending between the inlet (10) and the back wall (11) of the arc-control device (1).

IPC 8 full level  
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**H01H 9/443** (2013.01 - CN EP US); **H01H 9/345** (2013.01 - EP US); **H01H 9/46** (2013.01 - EP US); **H01H 2009/347** (2013.01 - US);  
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