

Title (en)  
ISOLATING SWITCH WITH IMPROVED CLOSING AND OPENING POWER

Title (de)  
TRENNSCHALTER MIT VERBESSERTEM SCHLIESSEN UND ÖFFNEN

Title (fr)  
SECTIONNEUR A POUVOIR D'ETABLISSEMENT ET DE COUPURE AMELIORES

Publication  
**EP 3055873 A1 20160817 (FR)**

Application  
**EP 14781550 A 20141008**

Priority  
• FR 1359843 A 20131010  
• EP 2014071496 W 20141008

Abstract (en)  
[origin: WO2015052210A1] The invention relates to an isolating switch comprising: a fixed arc contact (20) and a mobile arc contact (22); an isolating nozzle (24) enveloping a part of a first arc contact (20) in such a way that, when the electric arc is formed during a manoeuvre for opening or closing the isolating switch, the isolating nozzle (24) is in contact with the electric arc and undergoes an ablation by the electric arc; and a screen (25) which is mounted on the second arc contact (22), an isolating tip (25b) of the screen (25) being mounted against an end (22a) of the second arc contact (22), which is located on the side of the first arc contact, the isolating tip (25b) being arranged so as to be in contact with the electric arc and to increase the length thereof.

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Citation (search report)  
See references of WO 2015052210A1

Citation (examination)  
US 4553008 A 19851112 - VEVERKA EDWARD F [US], et al

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