

Title (en)  
HIGH VOLTAGE RESISTOR FOR OPEN AIR INSULATING ARRANGEMENTS

Publication  
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Application  
**EP 82100844 A 19820205**

Priority  
DE 3125203 A 19810626

Abstract (en)  
[origin: US4524404A] The invention relates to an outdoor high voltage insulator, wherein the flashover due to the effect of external layers or deposits of pollution is prevented or at least shifted in the direction of higher degree of pollution. A resistance element (1) is connected in series with the insulator itself (2), with the leakage current prior to flashover producing a voltage drop over the resistance element (1). This voltage drop reduces the voltage on the insulator and prevents or retards flashover.

IPC 1-7  
**H01B 17/42**; **H01C 7/00**

IPC 8 full level  
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**EP 0068067 A1 19830105**; **EP 0068067 B1 19851106**; CA 1198489 A 19851224; DE 3267216 D1 19851212; JP S585911 A 19830113; JP S6359208 B2 19881118; US 4524404 A 19850618; ZA 823948 B 19830727

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