

Title (en)
GAS DISCHARGE SURGE ARRESTER WITH AN IGNITION LINE

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Application
EP 87730142 A 19871112

Priority
DE 3642818 A 19861215

Abstract (en)
[origin: EP0274980A2] Even ignition coatings, ignition surfaces or ignition lines applied without making contact to gas discharge surge arrestors until now had a resistance value which was inadequately defined and was furthermore subject to a large variance. Considerable scatter of the response voltages could thus arise. The new gas discharge surge arrester is intended to have a reduced tolerance region of the response voltages as a result of the characteristics of the ignition line or lines. A gas discharge surge arrester contains one or more ignition lines (3), without additives and impurities, with a relatively narrow resistance tolerance and a defined nominal resistance, whose tolerance region amounts to half a tenth power in a logarithmic scale. Each ignition line (3) is produced by contact-free dusting with carbon particles and makes contact with the electrodes over the full width. This results in a reduction in the scatter of the response voltage. The invention is particularly suitable for gas discharge surge arrestors with glass housings. <IMAGE>

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IPC 8 full level
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Cited by
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