

Title (en)

AUTOMATICALLY-TRIGGERING SURGE ARRESTER ARRANGEMENT AND USE OF SUCH A SURGE ARRESTER ARRANGEMENT

Title (de)

SELBSTTÄTIG LÖSCHENDE ÜBERSPANNUNGSABLEITERANORDNUNG SOWIE VERWENDUNG EINER SOLCHEN ÜBERSPANNUNGSABLEITERANORDNUNG

Title (fr)

ENSEMBLE ECLATEUR A EXTINCTION AUTOMATIQUE ET UTILISATION DE CE DERNIER

Publication

EP 1774630 A1 20070418 (DE)

Application

EP 04738135 A 20040806

Priority

CH 2004000495 W 20040806

Abstract (en)

[origin: WO2006012754A1] The invention relates to an automatically-triggering surge arrester arrangement (20) with a surge arrester (22), which, on exceeding a given first voltage, transforms from a non-conducting into a conducting state and returns to the non-conducting state only when a much smaller second voltage is dropped below and with a switch mechanism (26,...,31), reacting to current flow through the surge arrester (22), interrupting the current flow through the surge arrester (22) and then automatically returning to the rest condition thereof. A simple, robust and compact assembly suitable for HF applications for such a surge arrester arrangement is achieved, whereby the switch mechanism (26,...,31) reacts reversibly to the heat generated in the surge arrester (22) by the current flow.

IPC 8 full level

H01T 1/14 (2006.01); **H01T 4/08** (2006.01)

CPC (source: EP KR US)

H01C 7/12 (2013.01 - EP US); **H01T 1/14** (2013.01 - EP KR US); **H01T 4/08** (2013.01 - EP KR US)

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See references of WO 2006012754A1

Cited by

US9172236B2; WO2012110135A1

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