

Title (en)

Surge arrester provided with a device signalling the degraded condition thereof

Title (de)

Überspannungsableiter mit Vorrichtungssignalisierung seines degradierten Zustands

Title (fr)

Limiteur de surtension pourvu d'un dispositif de signalisation de l'état dégradé de celui-ci

Publication

EP 2811492 B1 20160525 (EN)

Application

EP 14165431 A 20140422

Priority

IT MI20130915 A 20130604

Abstract (en)

[origin: EP2811492A1] A surge arrester is disclosed, comprising a first and a second terminal (1, 2) for connection to the active leads of an electric plant, between which a protection element (3) is inserted, provided with a pair of electrodes (4) electrically connected to said connection terminals, said protection element (3) being temperature-degradable depending on time, and between said first terminal (1) and an electrode (4) of the protection element (3) a disconnector being provided, the arrester further comprising a signalling device (30-39) of the state of degradation of said protection element (3), comprising at least movable means (30, 33), having a pressure element (30a) being biased by elastic means (35) against a cushion (H) made of temperature-variable viscosity material, signalling means (36) being connected with said movable means, which signalling means (36) make evident the level of degradation depending on their displacement caused by the sinking of said pressure element (30a) of said movable means (30) into said cushion (H).

IPC 8 full level

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CPC (source: EP)

H01C 7/126 (2013.01); **H01H 37/761** (2013.01); **H01H 2037/762** (2013.01); **H01T 1/12** (2013.01); **H01T 1/14** (2013.01)

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DOCDB simple family (publication)

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