

Title (en)

HIGH-VOLTAGE FUSE AND POWER DISTRIBUTION NETWORK

Title (de)

STARKSTROMSCHMELZSICHERUNG SOWIE STROMVERTEILUNGSNETZ

Title (fr)

FUSIBLE POUR COURANT DE HAUTE INTENSITE ET RESEAU DE DISTRIBUTION DE COURANT

Publication

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Application

EP 99942700 A 19990923

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Abstract (en)

[origin: WO0019475A1] The invention relates to a high-voltage fuse in which a cover plate (2) of a first electrical connection is connected to a separating plate (6) via a fuse element consisting of silver-coated strips (7) in an electrically conductive manner. A reactor is connected to said separating plate, which reactor has a coil (8) enclosing a core which is provided in the form of a solid ferrite bar (9). Said coil connects the separating plate (6) to a cover plate (4) of a second electrical connection in an electrically conductive manner. Alternatively, in order to save space, the fuse element can be arranged in an opening in the hollow core and can be connected to the coil via a return line. Said high-voltage fuse provides a means of connecting branches of a power supply system to a low-voltage line and a means of preventing the distribution of the high-frequency signals used for communication between appliances of one branch to other branches.

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IPC 8 full level

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CPC (source: EP KR)

H01F 27/402 (2013.01 - EP); **H01H 85/02** (2013.01 - EP KR)

Citation (search report)

See references of WO 0019475A1

Cited by

DE102018213522A1; US11923163B2; US11508541B2; US11133144B2; DE102018213522B4

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