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**(71) Applicant(s):**

ABB TECHNOLOGY AG [CH/CH]; Affolternstr. 44 CH-8050 Zürich (CH) *(for all designated states except US)*

WERLE, Peter [DE/DE]; Lohbergskamp 17 29664 Walsrode (DE) *(for US only)*

STEIGER, Matthias [DE/DE]; Niesauer Weg 7a 06779 Schierau (DE) *(for US only)*

**(72) Inventor(s):**

WERLE, Peter; Lohbergskamp 17 29664 Walsrode (DE)

STEIGER, Matthias; Niesauer Weg 7a 06779 Schierau (DE)

**(74) Agent(s):**

PARTNER, Lothar; ABB AG GF/IP Postfach 1140 68520 Ladenburg (DE)

**(54) Title (EN):** SURGE VOLTAGE GENERATOR MODULE AND SURGE VOLTAGE GENERATOR

**(54) Title (FR):** MODULE DE GÉNÉRATEUR DE TENSION DE CHOC ET GÉNÉRATEUR DE TENSION DE CHOC

**(54) Title (DE):** STOSSPANNUNGSGENERATORMODUL UND STOSSPANNUNGSGENERATOR

**(57) Abstract:**

**(EN):** The invention relates to a surge voltage generator module comprising at least two tube-like insulators (32, 34, 36), of which at least one has an inner cavity running over the whole length thereof. At least one electrical component ( $C_S$ ,  $R_{L1}$ ,  $R_{L2}$ ,  $R_D$ ,  $F_X$ ) is arranged between two of the insulators (32, 34, 36) and mechanically connected thereto (32, 34, 36). At least one electrical inner component ( $C_T$ ) is arranged in the cavity of at least one of the insulators (32, 34, 36). The invention further relates to a surge voltage generator with said surge voltage generator modules.

**(FR):** L'invention concerne un module de générateur de tension de choc composé d'au moins deux isolateurs tubulaires (32, 34, 36), au moins un desdits isolateurs comprenant une cavité interne s'étendant au moins sur une partie de sa longueur totale. Au moins un composant électrique ( $C_S$ ,  $R_{L1}$ ,  $R_{L2}$ ,  $R_D$ ,  $F_X$ ) est placé entre au moins deux desdits isolateurs (32, 34, 36) et relié mécaniquement à ces derniers (32, 34, 36). Au moins un composant électrique interne ( $C_T$ ) est placé dans la cavité d'au moins un des isolateurs (32, 34, 36). L'invention concerne également un générateur de tension de choc équipé de modules de générateur de tension de choc selon l'invention.

**(DE):** Die Erfindung betrifft Stosspannungsgeneratormodul mit wenigstens zwei rohrähnlichen Isolatoren (32, 34, 36), von denen wenigstens einer jeweils einen sich wenigstens über einen Teil dessen gesamter Länge erstreckenden inneren Hohlraum aufweist. Zwischen wenigstens zwei der Isolatoren (32, 34, 36) ist wenigstens eine elektrische Komponente ( $C_S$ ,  $R_{L1}$ ,  $R_{L2}$ ,  $R_D$ ,  $F_X$ ) angeordnet und mechanisch mit diesen (32, 34, 36) verbunden. Im Hohlraum wenigstens eines der Isolatoren (32, 34, 36) ist wenigstens eine elektrische Innenkomponente ( $C_T$ ) angeordnet. Die Erfindung betrifft weiterhin einen Stosspannungsgenerator mit erfindungsgemäßen Stosspannungsgeneratormodulen.

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**Declarations:**

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America