

Title (en)

DEVICE FOR ELECTRICAL ISOLATION AND TOROIDAL CORE CHOKE

Title (de)

VORRICHTUNG ZUR POTENTIALTRENNUNG UND RINGKERNDROSSEL

Title (fr)

DISPOSITIF DE SÉPARATION DE POTENTIEL ET BOBINE DE CHOC À NOYAU TOROÏDAL

Publication

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Application

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Abstract (en)

[origin: WO2011061258A2] The invention relates to a device (4) for electrical isolation for installation in a core hole (5) of a toroidal core (2). The device (4) comprises a central region (7) and two isolating regions (6), which protrude from the central region (7) in the radial direction of the core hole (5) and can be moved in the radial direction. The central region (7) comprises a compression zone (9) having at least two first sections (11) of two webs (10) that are parallel to each other, said webs mechanically coupling the two isolating regions (6) to each other. Each of the at least two first sections (11) can be elastically deformed in an S-shape, wherein the at least two first sections (11) of the two webs (10) are disposed parallel to each other in the relaxed state of the compression zone (9). The invention further relates to a toroidal core choke comprising such a device (4) for electrical isolation.

IPC 8 full level

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