

Title (en)

HIGH-VOLTAGE FEEDTHROUGH AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

HOCHSPANNUNGSDURCHFÜHRUNG SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

TRAVERSÉE HAUTE TENSION ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015172804A1] The invention relates to a high-voltage feedthrough (1) comprising an insulating body (4) arranged concentrically around a cylinder-shaped winding support (2) made of electrically conductive material, and comprising a sealing device for sealing a gap between the winding support (2) and the insulating body (4). In addition, the sealing device comprises a sealing element (8) in a peripheral sealing groove (7). The invention is characterised in that the peripheral sealing groove is arranged in the winding support and accommodates the sealing element. The invention also relates to a method for producing a high-voltage feedthrough (1) comprising an insulating body arranged concentrically around a cylinder-shaped winding support made of electrically conductive material, said insulating body having insulating layers (51) arranged concentrically in relation to one another, wherein a sealing element (8) is introduced into a peripheral sealing groove in the winding support, and the insulating body (4) is subsequently impregnated with a resin, such that a gap between the winding support and the insulating body is sealed.

IPC 8 full level

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