

Title (en)
SEGMENTED ELECTRICAL FEEDTHROUGH

Title (de)
SEGMENTIERTE ELEKTRISCHE DURCHFÜHRUNG

Title (fr)
TRAVERSÉE ÉLECTRIQUE SEGMENTÉE

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Abstract (en)
[origin: WO2023011926A1] The invention relates to a segmented electrical feedthrough (1, 10, 14) for electrically contacting a heating conductor through a housing, comprising a contact portion (2, 15) and an insulation portion (3), wherein: the insulation portion (3) has an electrical conductor (6, 12, 17, 20), an insulation means (7) and an outer sleeve (8); the electrical conductor (6, 12, 17, 20) and the insulation means (7) are located within the outer sleeve (8), and the electrical conductor (6, 12, 17, 20) is electrically insulated with respect to the outer sleeve (8) by means of the insulation means (7); the contact portion (2, 15) is connected to the electrical conductor (6, 12, 17, 20) on a first end face of the latter, and the electrical conductor (6, 12, 17, 20) can be connected, on its second end face opposite the first end face, to a heating conductor; and the contact portion (2, 15) and the insulation portion (3) are formed by two different elements which are durably interconnected by means of a joining method. The invention further relates to a method for producing the segmented electrical feedthrough.

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