

Title (en)
STRAIN RELIEF COMPONENT HAVING AN INTEGRATED CAPACITOR

Title (de)
ZUGENTLASTUNGSBAUTEIL MIT INTEGRIERTEM KONDENSATOR

Title (fr)
ELEMENT DE DECHARGE DE TRACTION AVEC CONDENSATEUR INTEGRE

Publication
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Application
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Abstract (en)
[origin: WO0171890A1] The invention relates to a strain relief component for electric supply lines (14), especially of an electromotor, which are provided with an insulation. The inventive component comprises a capacitor (12) for electromagnetic suppression. A contact element (48) is provided which electrically contacts the capacitor (12). At least one supply line (14) is contacted by means of the contact element (48) penetrating the insulation of the supply line (14). In a preferred embodiment, the supply line (14) is contacted by means of a mandrel (48). The strain relief component (10) is provided with a holding clip (26). The capacitor (12) is fixed in the strain relief component (10) by means of said clip. The mandrel (48) is inserted into the strain relief component (10). Moreover, the strain relief component (10) is provided with connecting clips (22) for connecting to the supply lines (14) and assembly clips (24) for connecting to a component (16) of an electromotor in such a way that the strain relief component (10) can be connected to the supply lines (14) and the earthed component (16) by clipping, whereby said component is earthed. A component for strain relief and an interference suppression capacitor can be assembled in a simpler manner by means of the inventive construction.

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