

Title (en)

HERMETICALLY SEALED-OFF LOW-VOLTAGE HIGH-RUPTURE-CAPACITY FUSE

Title (de)

HERMETISCH ABGEDICHTETE NH-SICHERUNG

Title (fr)

COUPE-CIRCUIT BASSE TENSION À HAUT POUVOIR DE COUPURE TOTALEMENT ÉTANCHE

Publication

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Application

EP 14806586 A 20141127

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Abstract (en)

[origin: WO2015082307A1] The present invention relates to a low-voltage high-rupture-capacity fuse (1) having a hollow body (3) which delimits a switching space (2) and which has at least one opening (4A, 4B), wherein a fusible element (6) which is embedded in quartz sand (5) is arranged in the switching space (2), wherein the opening (4A, 4B) is closed by a covering element (7A, 7B), and wherein an associated contact element (8A, 8B), which is electrically conductively connected to the fusible element (6), is arranged on the covering element (7A, 7B). In order to provide a low-voltage high-rupture-capacity fuse for outdoor use, which fuse provides a high degree of safety even in the event of switching and also ensures a high level of current limiting and also a stable and reliably predictable switching characteristic, the invention proposes that the switching space (2) is hermetically sealed off.

IPC 8 full level

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CPC (source: EP)

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