

Title (en)

ELECTRICAL COMPONENT COMPRISING AT LEAST ONE ELECTRICAL POWER LOSS SOURCE ARRANGED IN A CASTING COMPOUND AND A COOLING DEVICE

Title (de)

ELEKTRISCHES BAUTEIL MIT WENIGSTENS EINER IN EINER VERGUSSMASSE ANGEORDNETEN ELEKTRISCHEN VERLUSTLEISTUNGSQUELLE UND EINER KÜHLEINRICHTUNG

Title (fr)

COMPOSANT ÉLECTRIQUE COMPORTANT AU MOINS UNE SOURCE DE DISSIPATION DE PUISSANCE ÉLECTRIQUE DISPOSÉE DANS UN MATÉRIAU D'ENROBAGE ET UN DISPOSITIF DE REFROIDISSEMENT

Publication

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Application

EP 12715608 A 20120308

Priority

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- EP 2012054055 W 20120308

Abstract (en)

[origin: WO2012123341A2] The present invention relates to an electronic component comprising at least one electrical power loss source (16) arranged in a casting compound (14). According to the invention, a cooling device, preferably at least one thermally conductive part (21) which is arranged with a subregion (22) directly on or at least in the vicinity of the power loss source (16) and with at least one further subregion (23) passes beneath a surface region (20) of the surface (18) of the casting compound (14), is provided in said casting compound (14).

IPC 8 full level

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Citation (search report)

See references of WO 2012123341A2

Citation (examination)

- EP 1772877 A1 20070411 - STS SPEZIAL TRANSFORMATOREN ST [DE]
- CA 1210464 A 19860826 - BURKE PATRICK E

Citation (third parties)

Third party :

EP 1772877 A1 20070411 - STS SPEZIAL TRANSFORMATOREN ST [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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