

Title (en)

BRIDGE RECTIFIER FOR ROTARY CURRENT GENERATORS

Title (de)

BRÜCKENGLEICHRICHTER FÜR DREHSTROMGENERATOREN

Title (fr)

REDRESSEUR EN PONT POUR ALTERNATEUR A COURANT TRIPHASE

Publication

**EP 1166429 A1 20020102 (DE)**

Application

**EP 00990558 A 20001220**

Priority

- DE 0004553 W 20001220
- DE 19963627 A 19991229

Abstract (en)

[origin: WO0150579A1] The invention relates to a bridge rectifier for rotary current generators, in particular for supplying the electrical system of motor vehicles. Said rectifier consists of rectifier diodes and a printed wiring board configured from a substantially plate-shaped insulation body (23), in which several connecting conductors (24) are embedded between the diodes of the bridge rectifier. Sections of these connecting conductors curve outwards from the insulation body and are configured as a fuse (25), melting during an electrical overload. In order to achieve the smallest tolerances possible during the response of the fuses, each respective fuse (25) consists of two conductor ends (24a) of the connecting conductors (24), which are bent outwards and a fuse element (29) connected thereto, which bridges the conductor ends.

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IPC 8 full level

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