Title (en)

ELECTRIC SUPPLY SOURCE FOR SEMICONDUCTOR COMPONENTS

Title (de)

ELEKTRISCHE SPANNUNGSQUELLE FÜR HALBLEITERBAUELEMENTE

Title (fr)

SOURCE DE TENSION ELECTRIQUE POUR COMPOSANTS A SEMICONDUCTEURS

Publication

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Application

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Abstract (en)

[origin: DE19716343A1] In accordance with the invention, a semiconductor component has a layer of semiconducting material which is alternately doped by zones for electric conductibility of different polarity signs. This layer is placed perpendicularly to the surface between the thermally conducting layers in such a way that the junctions between two successive areas of different electric conductibilities are electrically insulated outwards, are alternately in thermal contact with one of the thermally conducting layers and thermally insulated in relation to the other thermally conducting layer respectively.

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IPC 8 full level

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Citation (search report)

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