

Title (en)

INSULATED METAL SUBSTRATE WITH AT LEAST ONE LIGHT DIODE, LIGHT DIODE MATRIX AND PRODUCTION METHOD

Title (de)

ISOLIERTES METALLSUBSTRAT MIT WENIGSTENS EINER LEUCHTDIODE, LEUCHTDIODENMATRIX UND HERSTELLUNGSVERFAHREN

Title (fr)

SUBSTRAT METALLIQUE ISOLE POURVU D'AU MOINS UNE DIODE ELECTROLUMINESCENTE, MATRICE DE DIODES ELECTROLUMINESCENTES ET PROCEDE DE FABRICATION

Publication

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Application

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Priority

CH 0300351 W 20030603

Abstract (en)

[origin: WO2004107443A1] The invention relates to an insulated metal substrate (1), comprising a metal substrate (12), an insulation layer (11), electrical tracks (10), provided on the insulation layer (11), to which at least one light diode (2), optionally in the form of a chip, is connected. According to the invention, the metal substrate (12) comprises at least one recess (122, 123, 124, 125), within which the at least one light diode (2) is assembled and which, uncoated, or provided with one or several layers (11, 10), serves as reflector (5) for the at least one light diode (2).

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Citation (search report)

See references of WO 2004107443A1

Citation (examination)

- JP S62235787 A 19871015 - KOITO MFG CO LTD
- WO 0215281 A2 20020221 - POWER SIGNAL TECHNOLOGIES INC [US]

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