

Title (en)
OPTOELECTRONIC COMPONENT

Title (de)
OPTOELEKTRONISCHES BAUELEMENT

Title (fr)
COMPOSANT OPTO-ÉLECTRONIQUE

Publication
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Application
EP 10728256 A 20100706

Priority
• EP 2010059638 W 20100706
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Abstract (en)
[origin: WO2011003907A1] An optoelectronic component, comprising a semiconductor body (1) and a carrier substrate (6), which is connected to the semiconductor body (1) by way of a solder joint (7), is provided, wherein the carrier substrate (6) comprises a first aperture (8a) and a second aperture (8b), through which a first electrically conductive connecting layer (9a) and a second electrically conductive connecting layer (9b) are guided from a first primary surface (11) of the carrier substrate (6) facing away from the semiconductor body (1) to a second primary surface (12) of the carrier substrate facing away from the semiconductor body (1), the carrier substrate (6) is made of a semiconductor material and has side flanks (10), which run obliquely to the primary surfaces (11, 12) of the carrier substrate (6) at least in a first partial region (10a), wherein the side flanks (10) are provided with an electrically insulating layer (13) in the first partial region (10a).

IPC 8 full level
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CPC (source: EP US)
H01L 33/486 (2013.01 - EP US); **H01L 33/62** (2013.01 - EP US); **H01L 25/167** (2013.01 - EP US); **H01L 33/44** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)
See references of WO 2011003907A1

Citation (examination)
• EP 1826834 A2 20070829 - LG ELECTRONICS INC [KR], et al
• EP 2053667 A2 20090429 - ADVANCED OPTOELECTRONIC TECH [TW]
• ABELMANN ET AL: "Oblique evaporation and surface diffusion", THIN SOLID FILMS, ELSEVIER-SEQUOIA S.A. LAUSANNE, CH, vol. 305, no. 1-2, 1 August 1997 (1997-08-01), pages 1 - 21, XP005278574, ISSN: 0040-6090, DOI: 10.1016/S0040-6090(97)00095-3

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