

Title (en)
RADIATION-EMITTING DEVICE

Title (de)
STRAHLUNGSEMITTIERENDE VORRICHTUNG

Title (fr)
DISPOSITIF ÉMETTEUR DE RAYONNEMENT

Publication
EP 2067190 A2 20090610 (DE)

Application
EP 07817510 A 20070911

Priority
• DE 2007001637 W 20070911
• DE 102006046234 A 20060929
• DE 102006055884 A 20061127

Abstract (en)
[origin: DE102006055884A1] The radiation emitting device has a substrate (100), a series of deposits arranged on the substrate, an electrode surface (200) on the substrate with a contacting (210) for applying a voltage, a functional layer (300), which emits radiation, another electrode surface (400) on a functional layer, where a number of partial areas (330) are available in the series of deposits. The partial areas are modified such that the emission coming out of them is broken into radiation visible to the outside observer. The distribution density of the partial areas varies depending on the their distance fro : An independent claim is also included for a method for production of radiation emitting device.

IPC 8 full level
H01L 51/52 (2006.01); **H01L 33/08** (2010.01)

CPC (source: EP KR US)
H01L 31/022491 (2013.01 - KR); **H01L 33/08** (2013.01 - EP US); **H10K 50/16** (2023.02 - KR); **H10K 50/805** (2023.02 - EP KR US); **H10K 50/85** (2023.02 - EP KR US); **H10K 71/166** (2023.02 - KR); **H01L 2924/0002** (2013.01 - EP US); **H01L 2924/097** (2013.01 - KR); **H10K 2102/351** (2023.02 - KR)

C-Set (source: EP US)
H01L 2924/0002 + H01L 2924/00

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006055884 A1 20080403; **DE 102006055884 B4 20230316**; CN 101553941 A 20091007; CN 101553941 B 20120620; EP 2067190 A2 20090610; JP 2010505248 A 20100218; JP 5424882 B2 20140226; KR 101424305 B1 20140801; KR 20090057460 A 20090605; TW 200816539 A 20080401; TW I354389 B 20111211; US 2010007269 A1 20100114; US 2012176027 A1 20120712; US 8159129 B2 20120417; US 8749134 B2 20140610; WO 2008040288 A2 20080410; WO 2008040288 A3 20080724

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