

Title (en)

MINIATURE HOUSING AND SUPPORT ARRANGEMENT HAVING AT LEAST ONE MINIATURE HOUSING

Title (de)

MINIATURGEHÄUSE UND TRÄGERANORDNUNG MIT MINDESTENS EINEM MINIATURGEHÄUSE

Title (fr)

BOITIER MINIATURE ET ENSEMBLE SUPPORT POURVU D'AU MOINS UN BOITIER MINIATURE

Publication

EP 2248190 A2 20101110 (DE)

Application

EP 09714225 A 20090218

Priority

- DE 2009000248 W 20090218
- DE 102008011862 A 20080229

Abstract (en)

[origin: WO2009106051A2] A miniature housing, in the housing body of which an element that emits and/or receives electromagnetic radiation, has at least two electrical connecting devices that protrude laterally beyond the housing body. The passage side of the miniature housing, through which the element emits and/or receives, is disposed substantially perpendicular to the assembly plane of the miniature housing. The electrical connecting devices of the miniature housing protruding laterally beyond the housing body are connected in an electrically conductive manner to conductors, which bring about the direct contacting to the emitting and/or receiving element. The contacting surfaces of the connecting devices are therefore disposed substantially perpendicular to the passage side of the miniature housing. As a result of said arrangement, the miniature housing can be embedded at least partially in a support such that the miniature housing is no longer significant for the thickness of a lighting installation.

IPC 8 full level

H01L 31/02 (2006.01); **H01L 31/0203** (2006.01); **H01L 33/00** (2010.01); **H01L 33/62** (2010.01); **H05K 1/18** (2006.01); **H01L 33/48** (2010.01)

CPC (source: EP US)

H01L 33/62 (2013.01 - EP US); **H05K 1/182** (2013.01 - EP US); **H05K 1/183** (2013.01 - EP US); **H01L 33/483** (2013.01 - EP US); **H01L 33/486** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US); **H05K 3/325** (2013.01 - EP US); **H05K 2201/10106** (2013.01 - EP US); **H05K 2201/10446** (2013.01 - EP US); **H05K 2201/10651** (2013.01 - EP US)

Citation (search report)

See references of WO 2009106051A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008011862 A1 20090903; CN 101960620 A 20110126; CN 101960620 B 20130612; EP 2248190 A2 20101110; JP 2011513956 A 20110428; KR 20100127758 A 20101206; US 2011100707 A1 20110505; US 8633408 B2 20140121; WO 2009106051 A2 20090903; WO 2009106051 A3 20091230

DOCDB simple family (application)

DE 102008011862 A 20080229; CN 200980106658 A 20090218; DE 2009000248 W 20090218; EP 09714225 A 20090218; JP 2010547949 A 20090218; KR 20107018290 A 20090218; US 92030509 A 20090218