

Title (en)
FLEXIRIGID SUPPORT PLATE

Title (de)
STARRFLEXIBLE TRÄGERPLATTE

Title (fr)
PLAQUE SUPPORT FLEXO-RIGIDE

Publication
EP 2399433 A2 20111228 (DE)

Application
EP 10711596 A 20100127

Priority
• EP 2010050889 W 20100127
• DE 102009009288 A 20090217

Abstract (en)
[origin: WO2010094534A2] The flexirigid support plate (1) is used for mounting at least one semiconductor light source (12) and comprises at least one rigid support region for fixing the at least one semiconductor light source (12) and a flexible support region (3), wherein the flexible support region (3) is generated by a thinning of a rigid support region. The lamp device (16) is provided with at least one flexirigid support plate (15), wherein at least one semiconductor light source is mounted on at least one flexirigid support plate.

IPC 8 full level
H05K 1/00 (2006.01); **F21K 99/00** (2010.01)

CPC (source: EP US)
H05K 1/189 (2013.01 - EP US); **F21K 9/232** (2016.07 - EP US); **F21Y 2107/00** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **H05K 1/0206** (2013.01 - EP US); **H05K 3/4691** (2013.01 - EP US); **H05K 2201/047** (2013.01 - EP US); **H05K 2201/09127** (2013.01 - EP US); **H05K 2201/10106** (2013.01 - EP US); **H05K 2203/1316** (2013.01 - EP US); **Y10T 29/4913** (2015.01 - EP US)

Citation (search report)
See references of WO 2010094534A2

Citation (examination)
• EP 1691592 A1 20060816 - SIEMENS AG [DE]
• EP 0534290 A2 19930331 - DEGUSSA [DE], et al
• EP 1099601 A2 20010516 - HELLA KG HUECK & CO [DE]
• DE 10225543 A1 20031218 - HELLA KG HUECK & CO [DE]

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 SM TR

DOCDB simple family (publication)
DE 102009009288 A1 20100826; CN 102318449 A 20120111; EP 2399433 A2 20111228; US 2011299292 A1 20111208; WO 2010094534 A2 20100826; WO 2010094534 A3 20101229

DOCDB simple family (application)
DE 102009009288 A 20090217; CN 201080008133 A 20100127; EP 10711596 A 20100127; EP 2010050889 W 20100127; US 201013201870 A 20100127