

Title (en)

Lighting device with mixing chamber

Title (de)

Beleuchtungsanordnung mit Mischkammer

Title (fr)

Dispositif d'éclairage avec chambre de mélange

Publication

EP 2312203 A1 20110420 (EN)

Application

EP 09173121 A 20091015

Priority

EP 09173121 A 20091015

Abstract (en)

A lighting device (10; 20; 30; 40) comprising a mixing chamber (1); and at least one solid state light source (6) arranged in said mixing chamber (1) is disclosed. The mixing chamber (1) is enclosed by at least two diffusive exit windows (2, 3), and at least one reflective wall (4); and the solid state light source (6) and the diffusive exit windows (2, 3) are arranged in relation to each other such that less than half of light that is reflected by one of the diffusive exit windows (2, 3) is directed toward the at least one reflective wall (4).

IPC 8 full level

F21S 8/08 (2006.01); **F21K 99/00** (2010.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21K 9/62 (2016.07 - EP US); **F21S 8/086** (2013.01 - EP US); **F21V 5/10** (2018.01 - EP US); **F21V 13/08** (2013.01 - EP US); **F21W 2131/103** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)

WO 2009093163 A2 20090730 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Citation (search report)

- [X] US 2008310158 A1 20081218 - HARBERS GERARD [US], et al
- [I] US 2006092638 A1 20060504 - HARWOOD RONALD P [US]
- [I] FR 2643702 A1 19900831 - ROUX PHILIPPE [FR]
- [I] DE 202009003105 U1 20090507 - SEMPERLUX AG [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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2312203 A1 20110420; TW 201124658 A 20110716; WO 2011045720 A1 20110421

DOCDB simple family (application)

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