

Title (en)
LIGHT FIXTURE

Title (de)
LEUCHTE

Title (fr)
LAMPE

Publication
EP 3087311 A1 20161102 (DE)

Application
EP 13777235 A 20131008

Priority
EP 2013003021 W 20131008

Abstract (en)
[origin: WO2015051810A1] A light fixture, in particular for use in areas in which there is a risk of explosions, has at least a lighting means, a cooling device for the lighting means and a light fixture housing with a light exit opening, wherein at least the lighting means and the cooling device are arranged in the light fixture housing. In order to improve heat transfer from the lighting means, in particular from the cooling device, to the light fixture housing in a simple and reliable manner without the additional use of a thermally conductive paste or the like, wherein corresponding manufacturing tolerances, which can have a negative influence on good thermal contact, no longer have to be taken into account, the cooling device has, for heat transfer to the light fixture housing, a cooling element of variable length or is in the form of a cooling element of variable length.

IPC 8 full level
F21V 9/00 (2015.01); **F21V 19/02** (2006.01); **F21V 25/12** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)
F21V 25/12 (2013.01 - EP US); **F21V 29/71** (2015.01 - EP US); **F21V 29/717** (2015.01 - EP US); **F21V 29/73** (2015.01 - EP US); **F21V 19/02** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2015051810A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015051810 A1 20150416; BR 112016007558 A2 20170801; CN 106030204 A 20161012; CN 111720806 A 20200929; CN 111720806 B 20221227; EP 3087311 A1 20161102; EP 3087311 B1 20191127; US 10030862 B2 20180724; US 2016258612 A1 20160908

DOCDB simple family (application)
EP 2013003021 W 20131008; BR 112016007558 A 20131008; CN 201380080131 A 20131008; CN 202010669584 A 20131008; EP 13777235 A 20131008; US 201315026920 A 20131008