

Title (en)  
LIGHTING APPARATUS AND CORRESPONDING PRODUCTION METHOD

Title (de)  
BELEUCHTUNGSVORRICHTUNG UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)  
APPAREIL D'ÉCLAIRAGE ET PROCÉDÉ DE PRODUCTION CORRESPONDANT

Publication  
**EP 3922907 A1 20211215 (EN)**

Application  
**EP 21178637 A 20210609**

Priority  
IT 202000014008 A 20200611

Abstract (en)  
Lighting apparatus (10), configured to be used in environments with an intermediate or low risk of explosion, comprising a containing body (11) made of metal material, provided with a housing (22) and, internally, with a compartment (12) and a light source (16), attached inside the housing (22), and corresponding production method.

IPC 8 full level  
**F21S 4/20** (2016.01); **F21V 15/01** (2006.01); **F21V 25/12** (2006.01); **F21V 31/00** (2006.01); **F21V 3/06** (2018.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)  
**F21S 4/20** (2016.01); **F21V 15/013** (2013.01); **F21V 25/12** (2013.01); **F21V 31/005** (2013.01); **F21V 3/0625** (2018.02); **F21Y 2103/10** (2016.08); **F21Y 2115/10** (2016.08)

Citation (applicant)  
• US 8033677 B1 20111011 - OLSSON MARK S [US], et al  
• KR 100986716 B1 20101008 - STARNET CO LTD [KR]

Citation (search report)  
• [XAI] US 8033677 B1 20111011 - OLSSON MARK S [US], et al  
• [IA] KR 100986716 B1 20101008 - STARNET CO LTD [KR]  
• [A] US 2017261193 A1 20170914 - TREIBLE JR DANIEL ROBERT [US], et al  
• [XA] US 2262157 A 19411111 - BEALS GILLSON W  
• [X] CN 202521452 U 20121107 - SICHUAN HUATAI ELECTRIC CO LTD

Cited by  
EP4249796A1; IT202200005648A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3922907 A1 20211215; EP 3922907 B1 20240103**; IT 202000014008 A1 20211211

DOCDB simple family (application)  
**EP 21178637 A 20210609**; IT 202000014008 A 20200611