

Title (en)  
LUMINAIRE AND SURFACE COVERING ARRANGEMENT

Title (de)  
LEUCHTE UND FLÄCHENABDECKUNGSANORDNUNG

Title (fr)  
LUMINAIRE ET DISPOSITIF DE REVÊTEMENT DE SURFACE

Publication  
**EP 3244124 A1 20171115 (EN)**

Application  
**EP 16169267 A 20160512**

Priority  
EP 16169267 A 20160512

Abstract (en)  
Disclosed is a luminaire (1) comprising a sheet metal housing (100) shaped to include a trench (110) comprising a pair of opposing elongate side walls (111) extending from a trench floor; a pair of optical cavities (120) on opposite sides of the trench, each optical cavity being delimited by one of the elongate side walls (111) of the trench, a first inclining elongate surface portion (121) extending from an edge of the elongate side wall distal to the trench floor and a second inclining elongate surface portion (123) extending from the first inclining elongate surface portion, each optical cavity further comprising a diffuser (130) extending between the second inclining elongate surface portion and the elongate side wall; each optical cavity housing a plurality of solid state lighting elements (141) mounted on the first inclining elongate surface portion such that the solid state lighting elements face the diffuser; and at least one driver circuit (150) of said solid state lighting elements in said trench on the trench floor. A surface covering arrangement including such a luminaire is also disclosed.

IPC 8 full level  
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Citation (applicant)  
WO 2012030387 A2 20120308 - CREE INC [US], et al

Citation (search report)  
• [XY] US 2011058358 A1 20110310 - SOO KIM DONG [KR], et al  
• [XY] US 2014168955 A1 20140619 - GERSHAW DAVID [US]  
• [YA] US 2013279159 A1 20131024 - PICKARD PAUL KENNETH [US], et al  
• [A] US 6092913 A 20000725 - EDWARDS JR RICHARD D [US]  
• [A] US 9322518 B1 20160426 - STEEDLY JAMES [US]  
• [A] US 9016892 B1 20150428 - SCRIBANTE JOHN [US], et al

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