

Title (en)
Lamp

Title (de)
Leuchte

Title (fr)
Lampe

Publication
EP 2365243 A1 20110914 (DE)

Application
EP 11155286 A 20110222

Priority
DE 202010003313 U 20100309

Abstract (en)
The lamp has a field of LEDs (2) arranged in a lamp housing (1), and lenses (3) attached to the LEDs, where the lenses are formed such that light radiated by the LEDs illuminates a defined limited surface. A common, single piece lens body (5) is attached to the LEDs and has a connecting section (7) provided between adjacent lenses in a longitudinal direction (6) for connecting the lenses with each other. The LEDs are arranged in a common printed circuit board (10) that is attached to lens rows (8) of the lens body for forming a premountable lamp unit.

Abstract (de)
Die Erfindung betrifft eine Leuchte zur normkonformen Ausleuchtung eines Arbeitsplatzes. Dabei ist ein Feld von LEDs 2 in einem Leuchtengehäuse 1 vorgesehen. Indem den LEDs 2 jeweils eine Linse 3 in Form einer Freiformoptik zugeordnet ist, wird die Fläche 4 scharf begrenzt ausgeleuchtet.

IPC 8 full level
F21V 5/00 (2006.01); **G02B 3/00** (2006.01); **F21W 131/402** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 6/006 (2013.01 - EP); **F21V 5/04** (2013.01 - EP US); **F21W 2131/402** (2013.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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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 2365243 A1 20110914; EP 2365243 B1 20141029; DE 202010003313 U1 20110826; PL 2365243 T3 20150630

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EP 11155286 A 20110222; DE 202010003313 U 20100309; PL 11155286 T 20110222