

Title (en)
ELECTRIC LAMP

Title (de)
ELEKTRISCHE LEUCHTE

Title (fr)
LUMINAIRE ÉLECTRIQUE

Publication
EP 2454521 B1 20130529 (DE)

Application
EP 10743001 A 20100709

Priority
• AT 2010000252 W 20100709
• AT 11052009 A 20090714

Abstract (en)
[origin: WO2011006178A1] The invention relates to an electric lamp, comprising at least one lamp retainer (1) and at least one light source (2) arranged at an end of the lamp retainer (1). The energy supply for the light source (2) is provided inside the end of the hollow lamp retainer (1) opposite the light source (2). The light source (2) is arranged inside the lamp retainer (1) in a light source retainer (4). A light cap (5) composed of a transparent material such as glass and/or plastic is arranged at the end of the lamp retainer at which the light exits. The light cap (5) has a central hole, preferably a blind hole (7), at the surface facing the light source (2). A preferably elongated optical waveguide (8), which protrudes into the central hole of the light cap (5), is arranged above the light source (2). The light source (2) is at least a light-emitting diode, preferably a high-power light-emitting diode.

IPC 8 full level
F21S 6/00 (2006.01)

CPC (source: EP)
F21S 6/001 (2013.01); **F21W 2121/04** (2013.01); **F21Y 2115/10** (2016.07)

Cited by
US9909728B2; US9915402B2; US10948146B2; US10969074B2; US11105480B2; US11828426B2; US9574748B2; US10082274B2; US10578281B2; US10976020B2; US10989381B2; US11085612B2; US11105481B2; US11396997B2; US11608963B2; US11885467B2

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 SE SI SK SM TR

DOCDB simple family (publication)
AT 508262 A4 20101215; AT 508262 B1 20101215; EP 2454521 A1 20120523; EP 2454521 B1 20130529; WO 2011006178 A1 20110120

DOCDB simple family (application)
AT 11052009 A 20090714; AT 2010000252 W 20100709; EP 10743001 A 20100709