

Title (en)
LED BULB

Title (de)
LED-GLÜHLAMPE

Title (fr)
AMPOULE À DEL

Publication
EP 3951253 A1 20220209 (EN)

Application
EP 20189843 A 20200806

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Abstract (en)

The present invention relates to the field of lighting, and particularly to a retrofit LED bulb (10). The LED bulb (10) comprises a burner (11), an elastic component (12), and a center ring (13). The burner (11) comprises a first pin (1131). The center ring (13) comprises a central opening (130), a first flat rim (1311), and a first notch (1321). The burner (11) is inserted through the central opening (130) on assembly of the LED bulb (10). The first flat rim (1311) extends along a first part of an outer edge of the central opening (130). The first notch (1321) is cut-out beyond the central opening (130) at an end of the first flat rim (1311), and allows the first pin (1131) of the burner (11) to pass through on insertion of the burner (11). The elastic component (12) is configured to press the first flat rim (1311) of the center ring (13) against the first pin (1131) of the burner (11) after assembly of the LED bulb (10), so that an unintentional rotation between the burner (11) and the center ring (13) is inhibited.

IPC 8 full level

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CPC (source: EP)

F21S 41/148 (2017.12); **F21S 41/192** (2017.12); **F21S 41/194** (2017.12); **F21S 41/196** (2017.12); **F21S 45/47** (2017.12)

Citation (search report)

- [XY] DE 202020101383 U1 20200319 - LUMILEDS HOLDING BV [NL]
- [Y] CN 209569667 U 20191101 - DONGGUAN YIJIU ELECTRONIC TECH CO LTD
- [Y] JP 2005044777 A 20050217 - NICHIA KAGAKU KOGYO KK
- [X] CN 208139184 U 20181123 - GUANGZHOU NEW VIEW ELECTRICAL & LIGHTING CO LTD
- [X] CN 208107964 U 20181116 - XU SHAODONG
- [X] EP 3421882 A1 20190102 - OSRAM GMBH [DE], et al
- [XA] EP 3647649 A1 20200506 - OSRAM GMBH [DE], et al
- [A] KR 20160101380 A 20160825 - CHA CHU EUN [KR]

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