

Title (en)
PLASTIC CLAD ALUMINUM LED LIGHT BULB

Title (de)
MIT KUNSTSTOFFUMMANTELTE ALUMINIUM-LED-GLÜHLAMPE

Title (fr)
AMPOULE À DEL D'ALUMINIUM À GAINÉ DE PLASTIQUE

Publication
EP 3173679 B1 20191211 (EN)

Application
EP 15876392 A 20150930

Priority
• CN 201520588944 U 20150803
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Abstract (en)
[origin: EP3173679A1] The present invention relates to a plastic-coated aluminum lamp. The LED lamp panel is provided with a small separator, two ends above the small separator being each provided with a rib, the rib being provided with a slot for accommodating a PCB of the drive power supply, two barbs each having an open slot being provided beneath the small separator and being inserted in jacks on the LED lamp panel; and the small separator located in the middle of the open slot is provided with wiring holes, and the drive power supply is connected to the LED lamp panel by two pins of an electrolytic capacitor on the PCB of the drive power through the wiring hole. The LED lamp according to the present invention has simple and reliable structure, is conveniently to assemble, has high efficiency, and is suitable for automation and large-scale production. Therefore, the costs of materials and production may be greatly reduced, and large-scale application of energy-saving and environmentally-friendly illumination is greatly promoted.

IPC 8 full level
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• CN 202581145 U 20121205 - SHANGHAI SUPLA NEW MATERIAL TECHNOLOGY CO LTD
• WO 2013183198 A1 20131212 - PANASONIC CORP [JP]

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