

Title (en)
MODULAR LED-BASED LIGHTING APPARATUS FOR SOCKET ENGAGEMENT, LIGHTING FIXTURES INCORPORATING SAME, AND METHODS OF ASSEMBLING, INSTALLING AND REMOVING SAME

Title (de)
MODULARE BELEUCHTUNGSVORRICHTUNG AUF LED-BASIS FÜR BUCHSENEINGRIFF, DIESE ENTHALTENDE LEUCHTEN UND VERFAHREN ZUM MONTIEREN, INSTALLIEREN UND ENTFERNEN DERSELBEN

Title (fr)
APPAREIL D'ECLAIRAGE A DEL MODULAIRE POUR PRISE DE DOUILLE, DISPOSITIFS D'ECLAIRAGE LE RENFERMANT, ET SES PROCEDES DE MONTAGE, D'INSTALLATION ET D'ENLEVEMENT

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Application
EP 06771039 A 20060523

Priority
• US 2006020042 W 20060523
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• US 74535306 P 20060421

Abstract (en)
[origin: WO2006127785A2] Modular lighting fixtures that allow convenient installation and removal of LED-based light-generating modules and controller modules. In one example, a modular lighting fixture includes a housing configured to be recessed into or disposed behind an architectural surface such as ceiling, wall, or soffit, in new or existing construction scenarios. The fixture housing includes a socket configured to facilitate one or more of a mechanical, electrical and thermal coupling of the light-generating module to the fixture housing. The ability to easily engage and disengage the LED-based light-generating module with the socket, without removing the fixture housing itself, allows for straightforward replacement of the light-generating module upon failure, or exchange with another module having different light-generating characteristics. Modular lighting controllers for such fixtures also may be easily installed in or removed from the fixture housing via the same access route by which the light-generating module is installed and removed.

IPC 8 full level
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CPC (source: EP KR US)
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