

Title (en)
Ceiling lighting fixture

Title (de)
Deckenleuchte

Title (fr)
Lampe de plafond

Publication
EP 0621438 B1 19960626 (DE)

Application
EP 94105495 A 19940408

Priority
DE 4313051 A 19930421

Abstract (en)
[origin: EP0621438A1] Ceiling luminaires, in particular built-in ceiling luminaires often have to be accessible from below and therefore have a corresponding constructive structure of the luminaire housing. The light source which can be inserted in a main reflector of the luminaire is in this case usually arranged at a socket holder which is mounted on the luminaire housing. In high-quality ceiling luminaires, specific photometric requirements must be met which in particular assume that the focal spot of the light source is arranged at a photometrically specified point with reference to the main-beam axis of the luminaire. In known ceiling luminaires, tolerances in terms of material and production result in this focal spot being repositioned. To compensate for tolerances of luminaire dimensions, the vertex plane of the main reflector (3) of the luminaire is selected as reference plane. The light source (5), together with its socket (10) and the socket holder (9, 11) is constructed as a unit with narrow tolerances, which is supported directly, preferably movable along the main-beam axis, on the main reflector in this reference plane. This solution can be advantageously used in particular in high-quality ceiling luminaires, in which light-shaping elements, such as diffusing screens, filters and the like, and whose thickness dimensions frequently have large tolerances due to production, are arranged in the light exit opening. <IMAGE>

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F21S 1/02

IPC 8 full level
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