

Title (en)

Device for redirecting light for room lighting

Title (de)

Vorrichtung zur Lichtumlenkung zur Beleuchtung eines Innenraumes

Title (fr)

Dispositif permettant de reorienter la lumière pour l'éclairage d'un local

Publication

EP 1201872 B1 20060524 (DE)

Application

EP 01125174 A 20011023

Priority

DE 10053095 A 20001026

Abstract (en)

[origin: EP1201872A2] The device has a translucent optical element(s) with a flat input side and an output side bounded by a first curved surface and at least a second surface. Light incident in a first range is concentrated on the second boundary surface; light incident in a second range emanates from element via the first boundary surface. The second boundary surface is also continuously curved; the boundary surfaces are joined seamlessly with continuous curvature. The device has at least one translucent optical element with a flat light input side and a light output side bounded by a first curved boundary surface and at least a second boundary surface. Light incident in a first angular range is concentrated on the second boundary surface and light incident in a second angular range emanates from the optical element via the first boundary surface. The second boundary surface is also continuously curved and the boundary surfaces are joined seamlessly and with a continuous curvature.

IPC 8 full level

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CPC (source: EP)

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EP 1201872 A2 20020502; **EP 1201872 A3 20030827**; **EP 1201872 B1 20060524**; AT E327404 T1 20060615; DE 10053095 A1 20020516; DE 50109862 D1 20060629

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