

Title (en)

SUN PROTECTION DEVICE HAVING A PLURALITY OF SEGMENTS THAT ARE ORIENTED IN PARALLEL TO ONE ANOTHER

Title (de)

SONNENSCHUTZVORRICHTUNG MIT EINER VIELZAHL VON PARALLEL ZUEINANDER ORIENTIERTEN LAMELLEN

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LA LUMIERE SOLAIRE COMPRENANT UNE PLURALITE DE LAMELLES ORIENTEES PARALLELEMENT LES UNES AUX AUTRES

Publication

EP 1520081 A1 20050406 (DE)

Application

EP 03763799 A 20030710

Priority

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- EP 0307499 W 20030710

Abstract (en)

[origin: DE10231139C1] The sun blind, composed of a number of parallel slats (L) which can rotate around their longitudinal axes, are each fitted with a number of compound parabolic concentrators (CPC) (1) on their upper sides (LO). The CPCs are of a dielectric material with an exposed side towards the light, and a receiver side aligned at the slat surface. The upper side of each slit is at least partially curved or angled across its longitudinal axis, with a reflective or opaque surface. The CPCs lie directly on the slat surfaces, or are held by a reflecting or transparent intermediate adhesive layer.

IPC 1-7

E06B 9/386; **E06B 9/24**; **F21S 11/00**

IPC 8 full level

E06B 9/24 (2006.01); **E06B 9/264** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004007889A1

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