

Title (en)

APPARATUS AND METHOD FOR REDUCING BACK REFLECTION FROM AN ILLUMINATION DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERRINGERUNG DER RÜCKSPIEGELUNG AUS EINER BELEUCHTUNGSVORRICHTUNG

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE RÉDUIRE LA RÉTRORÉFLEXION D'UN DISPOSITIF D'ÉCLAIRAGE

Publication

**EP 2069840 A1 20090617 (EN)**

Application

**EP 07852545 A 20071005**

Priority

- US 2007021378 W 20071005
- US 85014106 P 20061006

Abstract (en)

[origin: WO2008045312A1] Embodiments include display devices and devices for illuminating a display. One embodiment includes a display device comprising a plurality of light modulators. The device further includes a light guide panel configured to guide light therein disposed forward of said plurality of light modulators. The device further includes turning microstructure disposed on a surface of said light guide, said turning microstructure configured to direct said light out of said light guide panel onto said plurality of light modulators. The device further includes a plurality of nanostructures disposed on said surface of the light guide panel, said plurality of nanostructures having an effective thickness and effective refractive index so as to reduce reflection of light from said light guide panel. Other embodiments include methods of making such apparatuses.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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DOCDB simple family (publication)

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