

Title (en)

LED BACKLIGHTING SYSTEM FOR CABINET SIGN

Title (de)

LED-RÜCKBELEUCHTUNGSSYSTEM FÜR GESCHÄFTSSCHILDER

Title (fr)

SYSTÈME DE RÉTROÉCLAIRAGE À DIODES ÉLECTROLUMINESCENTES POUR CAISSON

Publication

EP 2070071 A4 20110309 (EN)

Application

EP 07843847 A 20071004

Priority

- US 2007080456 W 20071004
- US 84965306 P 20061005
- US 78463907 A 20070409

Abstract (en)

[origin: WO2008043025A2] A backlighting system for a cabinet sign may include a plurality of panels. Each panel includes a plurality of light emitting diodes ("LEDs") attached to the panel. The diode has a box sign depth factor of less than about 1.4. An integrated circuit may also be located on the panel. A wire physically connects adjacent panels.

IPC 8 full level

G09F 13/04 (2006.01)

CPC (source: CN EP)

G09F 7/00 (2013.01 - CN); **G09F 9/33** (2013.01 - EP); **G09F 13/22** (2013.01 - CN EP); **G09F 2013/222** (2013.01 - CN)

Citation (search report)

- [X] US 6167648 B1 20010102 - DIMMICK FREDERICK [CA]
- [X] US 2003031032 A1 20030213 - WU CHEN H [US], et al
- [X] US 6505956 B1 20030114 - PREDDY G ROBERT [US], et al
- [X] US 2005231943 A1 20051020 - SLOAN THOMAS C [US], et al
- [X] US 2005207151 A1 20050922 - AANEGOLA SRINATH K [US], et al
- [X] US 2005122293 A1 20050609 - WANG XIAO-PING [CN]
- See references of WO 2008043025A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2008043025 A2 20080410; WO 2008043025 A3 20081120; CN 101536066 A 20090916; CN 101536066 B 20140416; CN 104269112 A 20150107; CN 104269112 B 20180608; CN 108492726 A 20180904; EP 2070071 A2 20090617; EP 2070071 A4 20110309; EP 2070071 B1 20161116; ES 2615177 T3 20170605

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US 2007080456 W 20071004; CN 200780041886 A 20071004; CN 201410099341 A 20071004; CN 201810249559 A 20071004; EP 07843847 A 20071004; ES 07843847 T 20071004