

Title (en)
LIGHT EMITTING DIODE ILLUMINATING EQUIPMENT

Title (de)
LEUCHTDIODENBELEUCHTUNGSEINRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À DIODES ÉLECTROLUMINESCENTES

Publication
EP 2098778 A4 20120307 (EN)

Application
EP 06840746 A 20061230

Priority
CN 2006003716 W 20061230

Abstract (en)
[origin: EP2098778A1] A light emitting diode illuminating equipment (1) comprises a heat-dissipating plate member (11); a plurality of heat-dissipating fins (17) extending from the heat-dissipating plate member (11); a plurality of heat-conducting members (12) connecting to the heat-dissipating plate member (11); a plurality of diode light-emitting apparatus (13) connecting to the corresponding heat-conducting member (12); a plurality of optical devices (14), each of which corresponds to one of diode light-emitting apparatus (13) and adjusts the shape of light field of each diode light-emitting apparatus (13); a barrel (15) including a first circumference and a second circumference, the first circumference is joined to the heat-dissipating plate member (11) and formed an inner space for receiving the heat-conducting members (12) and diode light-emitting apparatus (13); and a transparent shield (16) jointed to the second circumference of the barrel (15).

IPC 8 full level
F21V 29/00 (2006.01); **F21V 5/04** (2006.01); **F21V 29/15** (2015.01); **F21Y 101/00** (2016.01)

CPC (source: EP KR US)
F21V 5/04 (2013.01 - EP KR US); **F21V 29/71** (2015.01 - EP US); **F21V 29/717** (2015.01 - KR); **F21V 29/75** (2015.01 - EP KR); **F21V 29/763** (2015.01 - EP KR); **F21V 29/51** (2015.01 - EP US); **F21W 2131/103** (2013.01 - EP KR); **F21Y 2115/10** (2016.07 - EP KR US)

Citation (search report)

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- [YA] DE 202006015981 U1 20061221 - AUGUX CO LTD [TW]
- [A] WO 2006102785 A1 20061005 - NEOBULB TECHNOLOGIES INC [BN], et al
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EP 2098778 A1 20090909; EP 2098778 A4 20120307; AU 2006352634 A1 20080710; AU 2006352634 B2 20100902; BR PI0622246 A2 20111227; CA 2674124 A1 20080710; CA 2674124 C 20120508; EA 016078 B1 20120130; EA 200970661 A1 20091230; JP 2010515208 A 20100506; KR 101010590 B1 20110125; KR 20090042756 A 20090430; WO 2008080259 A1 20080710; WO 2008080259 A9 20090827

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