

Title (en)
FLAT LAMP, PRODUCTION METHOD THEREOF AND APPLICATION OF SAME

Title (de)
FLÄCHENSTRAHLER, HERSTELLUNGSVERFAHREN UND ANWENDUNG

Title (fr)
LAMPE PLANE, PROCEDE DE FABRICATION ET APPLICATION

Publication
EP 1532655 A2 20050525 (FR)

Application
EP 03758189 A 20030730

Priority
• FR 0302415 W 20030730
• FR 0210020 A 20020806

Abstract (en)
[origin: FR2843483A1] The flat lamp structure (1) has at least two flat glass panels (2,3) with a space (10) between them filled with a gas, using xenon which can be mixed with neon. Two electrodes (4,5) are at the glass panels, outside the gas-filled space. The inner surface (22,32) of at least one glass panel is coated with a phosphor material (6,7), on the side towards the gas-filled space. At least one electrode is shrouded by a preferably transparent electrical insulator (14-17), which can be secured at least at one glass panel or be connected to it.

IPC 1-7
H01J 65/04; **H01J 9/26**; **H01J 61/067**; **H01J 61/42**

IPC 8 full level
H01J 9/26 (2006.01); **H01J 9/20** (2006.01); **H01J 9/395** (2006.01); **H01J 9/40** (2006.01); **H01J 61/067** (2006.01); **H01J 61/30** (2006.01); **H01J 61/35** (2006.01); **H01J 65/00** (2006.01); **H01J 65/04** (2006.01); **H05B 33/28** (2006.01)

CPC (source: EP KR US)
H01J 9/22 (2013.01 - KR); **H01J 9/395** (2013.01 - EP KR US); **H01J 9/40** (2013.01 - KR); **H01J 61/067** (2013.01 - EP KR US); **H01J 61/305** (2013.01 - EP KR US); **H01J 65/046** (2013.01 - EP KR US); **H05B 33/28** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2004015739A2

Citation (examination)
• US 5466990 A 19951114 - WINSOR MARK D [US]
• US 2002079826 A1 20020627 - PARK HONG BAE [KR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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