

Title (en)
Lighting device with a compact structure

Title (de)
Beleuchtungsanordnung mit einer kompakten Struktur

Title (fr)
Dispositif d'éclairage avec une structure compacte

Publication
EP 1883099 A3 20080319 (EN)

Application
EP 07108120 A 20070514

Priority
IT VI20060153 A 20060519

Abstract (en)
[origin: EP1883099A2] A lighting device with a compact structure, of the type comprising a light source of the fluorescent type (12) coupled with a light source of the incandescent or halogen type (13), having an adequate power, so as to obtain a twofold contribution in immediately reaching the emission of a satisfactory light flow; once the nominal flow has been reached, an electronic circuit interrupts the power supply to the incandescent or halogen light source (13), so that the current absorptions and light flow are those characteristic of the fluorescent light source (12). In practice, the lighting device according to the invention allows optimum lighting levels to be reached immediately (typical characteristic of an incandescent light source), at the same time with a reduced consumption, a considerable energy saving and long functioning life (typical characteristics of a fluorescent light source).

IPC 8 full level
H01J 61/96 (2006.01)

CPC (source: EP)
H01J 61/96 (2013.01); **H05B 41/46** (2013.01); **H01J 61/70** (2013.01)

Citation (search report)
• [X] JP 2000164174 A 20000616 - MATSUSHITA ELECTRONICS CORP
• [XA] US 5309061 A 19940503 - BOUCHARD ANDRE C [US], et al
• [X] GB 502367 A 19390316 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
• [X] US 4170744 A 19791009 - HANSLER RICHARD L [US]

Cited by
EP2190266A1; US2012169200A1; US8508113B2; US8981648B2; US8558478B2; WO2012099842A1; WO2009087736A1; WO2009087735A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1883099 A2 20080130; EP 1883099 A3 20080319; CN 101076212 A 20071121; IT VI20060153 A1 20071120

DOCDB simple family (application)
EP 07108120 A 20070514; CN 200710105015 A 20070518; IT VI20060153 A 20060519