

Title (en)
SURFACE-MOUNTED OR WALL LIGHT FIXTURE

Title (de)
ANBAU- BZW. WANDLEUCHTE

Title (fr)
LUMINAIRE À FIXER OU APPLIQUE

Publication
EP 2394094 B1 20141015 (DE)

Application
EP 09748044 A 20091029

Priority
• EP 2009007770 W 20091029
• DE 102009007308 A 20090203

Abstract (en)
[origin: WO2010088936A1] The invention relates to an elongate light fixture (1) having a substantially triangular cross-section. Said light fixture is screwed to a supply duct (80) with the rear wall (30) thereof. A front rail (40) runs parallel to the rear wall. Transparent panels (50) and (70) are inserted detachably between the rear wall (30) and rail (40). In the interior of the light fixture (1), a fluorescent lamp (2) is provided as the luminous element. The light emitted by said fluorescent lamp is reflected upward by way of reflector surfaces (61b, 62b and 62c) that open in the shape of a funnel and is scattered diffusely in the direction A by means of the frosted panel (50). The panel surfaces (61a and 62a), which likewise open in the shape of a funnel, reflect the light exiting downward from the lamp (2) in the direction toward the panel (70), the grooved structure of which ensures that the light is deflected substantially in the direction B, while the portion of the side light exiting in the direction C is reduced. With this reflector and panel configuration, firstly good illumination of the space and secondly specific and glare-free workplace lighting is made possible.

IPC 8 full level
F21S 4/00 (2006.01); **F21S 8/00** (2006.01); **F21V 3/00** (2006.01); **F21V 7/00** (2006.01); **F21V 15/015** (2006.01); **F21V 17/10** (2006.01); **F21V 17/16** (2006.01); **F21V 21/005** (2006.01); **F21V 21/02** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)
F21S 4/20 (2016.01 - EP US); **F21S 8/031** (2013.01 - EP US); **F21S 8/033** (2013.01 - EP US); **F21V 3/00** (2013.01 - EP US); **F21V 7/0016** (2013.01 - EP US); **F21V 7/0025** (2013.01 - EP US); **F21V 7/005** (2013.01 - EP US); **F21V 15/015** (2013.01 - EP US); **F21V 17/107** (2013.01 - EP US); **F21V 17/164** (2013.01 - EP US); **F21V 21/005** (2013.01 - EP US); **F21V 21/02** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009007308 A1 20100805; **DE 102009007308 B4 20141120**; CN 102301178 A 20111228; EP 2394094 A1 20111214; EP 2394094 B1 20141015; EP 2394094 B8 20150218; SG 173199 A1 20110829; US 2011310599 A1 20111222; US 8398273 B2 20130319; WO 2010088936 A1 20100812

DOCDB simple family (application)
DE 102009007308 A 20090203; CN 200980155907 A 20091029; EP 09748044 A 20091029; EP 2009007770 W 20091029; SG 2011055381 A 20091029; US 200913145376 A 20091029