

Title (en)

TUBULAR LIGHT GUIDE FOR LINEAR LIGHTING

Title (de)

ROHRFÖRMIGER LICHTLEITER FÜR LINEARE BELEUCHTUNG

Title (fr)

GUIDE TUBULAIRE D'ONDES LUMINEUSES POUR ECLAIRAGE LINEAIRE

Publication

EP 0828967 A1 19980318 (EN)

Application

EP 97905366 A 19970319

Priority

- IB 9700271 W 19970319
- IT TO960252 A 19960329

Abstract (en)

[origin: WO9737170A1] A row of transparent tubes (32, 34, 36) are each formed from a semi-rigid rectangular plate (10) of transparent polycarbonate, which is coated with a total-internal-reflection film (20) on one of its surfaces and is arched with its longer sides brought together and clamped. The clamping means may comprise a grooved shoe (26) for receiving longitudinal, square-bent edges (12, 14) of the plate (10) and a girder (28) bolted to the shoe. A light guide is assembled from several trunks which are connected to one another. Each guide trunk (32, 34, 36) is hung to a horizontal rail (38) by means of hooking brackets (40) which are fastened to straps (41). The trunks are connected end-to-end by means of fittings comprising pairs of rings (42, 44) which are also further described below. At one end of the guide, a light source is attached, i.e. a focused projector (46) which is also hung to rail (38) through a bracket (40).

IPC 1-7

F21V 8/00; **G02B 6/20**

IPC 8 full level

F21S 2/00 (2006.01); **F21V 8/00** (2006.01); **G02B 6/00** (2006.01)

CPC (source: EP)

G02B 6/0096 (2013.01); **F21W 2131/101** (2013.01); **G02B 6/0001** (2013.01)

Designated contracting state (EPC)

AT CH DE ES FR GB GR IE LI PT SE

DOCDB simple family (publication)

WO 9737170 A1 19971009; AU 2227197 A 19971022; BR 9702159 A 19990302; EP 0828967 A1 19980318; IT 1286292 B1 19980708; IT TO960252 A0 19960329; IT TO960252 A1 19970929; JP H11507172 A 19990622; NO 975519 D0 19971201; NO 975519 L 19971201

DOCDB simple family (application)

IB 9700271 W 19970319; AU 2227197 A 19970319; BR 9702159 A 19970319; EP 97905366 A 19970319; IT TO960252 A 19960329; JP 53507997 A 19970319; NO 975519 A 19971201