

Title (en)

Lighting system with intense sources of small dimensions.

Title (de)

Beleuchtungssystem mit kleinen Lichtquellen grosser Leistung.

Title (fr)

Système d'éclairage à sources intenses de faibles dimensions.

Publication

EP 0032273 A1 19810722 (FR)

Application

EP 80201244 A 19801229

Priority

LU 82057 A 19800104

Abstract (en)

1. Lighting method following which one modulates, thanks to a concentrating-distributing device, a luminous flux which is issued from an intense source of small dimensions in at least one pencil of rays with a small angular opening, which is directed to at least one lighting surface in order to distribute the light, distinguished by the fact that one judiciously directs, with a grazing incidence, each above-mentioned pencil of rays to a series of prismatic refractors arranged in the same way as an optical network on a level with a lighting surface (6) stretching longitudinally with regard to the pencil of rays and on at least one surface which reflects the light and stretches obliquely in relation to the pencil of rays and to the abovementioned optical network.

Abstract (fr)

Méthode et système d'éclairage pour sources intenses de faible dimension comportant un dispositif concentrateur/répartiteur de flux lumineux et un dispositif diffuseur de ce flux lumineux permettant de réaliser une ou plusieurs surfaces éclairantes de luminance sensiblement uniforme s'étendant longitudinalement et un éclairage répondant aux critères d'uniformité en éclairage et/ou en luminance.

IPC 1-7

F21S 1/14

IPC 8 full level

F21S 2/00 (2006.01); **F21V 13/04** (2006.01); **F21V 8/00** (2006.01); **F21V 25/12** (2006.01)

CPC (source: EP US)

F21S 2/00 (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21V 25/12** (2013.01 - EP); **F21V 2200/40** (2015.01 - EP); **F21W 2131/101** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21W 2131/105** (2013.01 - EP); **F21W 2131/40** (2013.01 - EP)

Citation (search report)

FR 2273228 A1 19751226 - AIZENBERG JULIAN [SU]

Cited by

WO03087657A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL

DOCDB simple family (publication)

EP 0032273 A1 19810722; **EP 0032273 B1 19840912**; AT E9397 T1 19840915; DE 3069194 D1 19841018; ES 498292 A0 19820116; ES 8202419 A1 19820116; LU 82057 A1 19810910; PT 72262 A 19810101; PT 72262 B 19820105; YU 327880 A 19830121

DOCDB simple family (application)

EP 80201244 A 19801229; AT 80201244 T 19801229; DE 3069194 T 19801229; ES 498292 A 19810102; LU 82057 A 19800104; PT 7226280 A 19801222; YU 327880 A 19801225