

Title (en)

CONSTANT OUTPUT SOLID STATE LIGHT SOURCE WITH ELECTRONICALLY FILTERED OPTICAL FEEDBACK

Title (de)

LICHTQUELLE MIT KONSTANTER LEISTUNG MIT ELEKTRONISCH GEFILTERTER OPTISCHER RÜCKKOPPLUNG

Title (fr)

SOURCE LUMINEUSE ELECTRONIQUE A SORTIE CONSTANTE ET CONTRE-REACTION OPTIQUE FILTREE ELECTRONIQUEMENT

Publication

EP 1316242 A1 20030604 (EN)

Application

EP 01966371 A 20010829

Priority

- US 0126915 W 20010829
- US 65058800 A 20000830

Abstract (en)

[origin: WO0219777A1] A solid state traffic light apparatus provided with an optical feedback sensor ensuring a constant light intensity by detecting back-scattered light from a diffuser centered above an LED array. Control logic individually drives the LEDs, the drive characteristics being changed over time by the optical feedback to ensure a uniform beam intensity is generated at a intensity meeting DOT standards, across the life of the device, and as a function of ambient light conditions.

IPC 1-7

H05B 33/08

CPC (source: EP US)

H05B 45/12 (2020.01 - EP US); **H05B 45/40** (2020.01 - EP US)

Citation (search report)

See references of WO 0219777A1

Cited by

WO2014072709A1

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