

Title (en)

Signal light producing the required color light by additive synthesis

Title (de)

Signalleuchte mit additiver Farbmischung

Title (fr)

Feu de signalisation à synthèse additive

Publication

EP 0828112 B1 20030514 (FR)

Application

EP 97402047 A 19970903

Priority

- FR 9610835 A 19960905
- FR 9700773 A 19970124

Abstract (en)

[origin: EP0828112A1] The warning lights use a parabolic segmented mirror to produce bands of light (21,23) which then enter a dividing element (12). The dividing element (12) consists of alternate segments (18,20) each having a curved forward face to cause convergence to focal points (F) in a plane (P). A colouring element (22) is situated in the plane (P) and consists of alternate colour filters (28,30) which are respectively narrow and wide and coloured green and red. After passing through the filters the light is divergent and recombines to form white light as required by regulation.

IPC 1-7

F21S 8/10; **F21V 9/08**

IPC 8 full level

F21S 8/00 (2006.01); **F21V 9/08** (2006.01)

CPC (source: EP)

F21S 43/255 (2017.12); **F21V 9/08** (2013.01); **F21W 2111/02** (2013.01)

Cited by

CN104145158A; DE19820751B4; WO2013116343A1; US9464784B2

Designated contracting state (EPC)

DE ES GB IT

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