

Title (en)
TRAFFIC LIGHTS

Publication
EP 0263804 A3 19890322 (FR)

Application
EP 87870140 A 19871006

Priority
ES 8600700 U 19861008

Abstract (en)
[origin: EP0263804A2] High-safety traffic light with a single focal point, characterised in that a single light source reflects or transmits the three colours of conventional traffic lights, this light source also reflecting or transmitting a wide variety of geometrical figures forming signals. This traffic light has two light sources (9), so that, if one is defective, the other comes into operation because the mirror (8) reflects and transmits the light simultaneously, the light sources being 90 DEG out of phase, with the result that, if one of them is functioning, the light passes through the mirror and is reflected in the colour filter, whilst, when the other is functioning, the light is likewise reflected in the colour filter and also in the mirror. A complete assembly is provided for each colour or geometrical configuration, such an assembly comprising the following components: light transmission fibres (5) reflecting in the dark screen (4), a colour filter (6), a small box (7) with an inner mirror (8), light sources (9), a transformer (10), an incompatibility device (11) and a connection box (12). <IMAGE>

IPC 1-7
G08G 1/095

IPC 8 full level
G08G 1/095 (2006.01)

CPC (source: EP)
G08G 1/095 (2013.01)

Citation (search report)
• [Y] FR 2573896 A1 19860530 - DANDREL FRANCOIS [FR]
• [Y] CH 594894 A5 19780131 - JENAER GLASWERK SCHOTT & GEN
• [A] FR 2243484 A1 19750404 - JENAER GLASWERK SCHOTT & GEN [DE]
• [A] GB 1507883 A 19780419 - BARR & STROUD LTD
• [A] FR 2172568 A5 19730928 - RANK ORGANISATION LTD [GB]
• [A] DE 3128329 A1 19830127 - RUHRKOHLE AG [DE]
• [A] US 4488207 A 19841211 - HARMON KEVIN E [US]

Cited by
DE9310755U1; EP1094428A3; FR2653253A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0263804 A2 19880413; EP 0263804 A3 19890322; DK 525387 A 19880409; DK 525387 D0 19871007; ES 1002039 U 19880601;
ES 1002039 Y 19890116; JP S63120398 A 19880524

DOCDB simple family (application)
EP 87870140 A 19871006; DK 525387 A 19871007; ES 8600700 U 19861008; JP 25263487 A 19871008