

Title (en)

Display device for displaying signals in tunnels and others

Title (de)

Leuchtanzeigevorrichtung für die Anzeige von Signalen in Tunnels oder dergleichen

Title (fr)

Dispositif d'affichage lumineux pour la représentation de signaux dans des tunnels ou autres

Publication

EP 2058786 B1 20150527 (DE)

Application

EP 07021924 A 20071112

Priority

EP 07021924 A 20071112

Abstract (en)

[origin: EP2058786A1] The device has a carrier frame (3) attached to a tunnel cover (2). Another carrier frame (5) accommodates electro-optical signal generators (13) e.g. LEDS, arranged to produce a preset signal image. Light is transmitted parallel and/or bent to a roadway of a tunnel in a direction of arriving vehicles. A closed front plate (14) is provided at the frame (5) and has elliptical-shaped light transmission regions (16) corresponding to the generators. The plate is made of plastic or safety glass, and is provided with a light resistance layer and/or resist coating up to the transmission regions.

IPC 8 full level

G09F 9/33 (2006.01); **E01F 9/011** (2006.01); **E01F 9/669** (2016.01); **G09F 11/02** (2006.01); **G09F 11/30** (2006.01); **G09F 13/22** (2006.01); **G09F 19/22** (2006.01); **G09F 13/04** (2006.01); **G09F 13/18** (2006.01)

CPC (source: EP US)

G09F 9/33 (2013.01 - EP US); **G09F 11/02** (2013.01 - EP); **G09F 11/30** (2013.01 - EP); **G09F 13/04** (2013.01 - EP); **G09F 13/0436** (2021.05 - EP); **G09F 13/0472** (2021.05 - EP); **G09F 13/18** (2013.01 - EP); **G09F 13/22** (2013.01 - EP); **G09F 19/22** (2013.01 - EP US); **G09F 2013/1831** (2013.01 - EP); **G09F 2013/1881** (2013.01 - EP); **G09F 2013/222** (2013.01 - EP)

Cited by

AT509695B1; EP3667650A1; US11869358B2

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

EP 2058786 A1 20090513; EP 2058786 B1 20150527

DOCDB simple family (application)

EP 07021924 A 20071112