

Title (en)

Signal lamp and lamp assembly for railway vehicles

Title (de)

Signalleuchte und Leuchtenanordnung für Schienenfahrzeuge

Title (fr)

Feu de signalisation et agencement de lampe pour véhicules ferroviaires

Publication

EP 1384640 B1 20061227 (DE)

Application

EP 03011675 A 20030523

Priority

DE 20211647 U 20020723

Abstract (en)

[origin: EP1384640A1] The signal light for a rail vehicle has a reflector (20) that is set in a frame having adjustment. Set into the reflector are light bulbs (28) for red light and white light (22). Set into the front of the reflector is a diffuser disc (14). A shadow plate (34) ensures that there is no phantom red light effect.

IPC 8 full level

B61L 15/02 (2006.01); **F21S 8/00** (2006.01); **F21S 8/10** (2006.01); **F21V 9/08** (2006.01); **F21V 11/16** (2006.01); **F21V 19/00** (2006.01)

CPC (source: EP)

B61L 15/02 (2013.01); **F21S 41/125** (2017.12); **F21V 9/08** (2013.01); **F21V 11/16** (2013.01); **F21V 19/006** (2013.01); **F21W 2107/00** (2017.12)

Citation (examination)

- BE 377256 A
- DE 717635 C 19420219 - SEWIG RUDOLF DR PHIL HABIL., et al
- DE 19811961 A1 19990923 - BOSCH GMBH ROBERT [DE]
- US 2088501 A 19370727 - ARBUCKLE SAMUEL F

Designated contracting state (EPC)

CZ DE ES FR IT

DOCDB simple family (publication)

DE 20211647 U1 20020926; DE 50306085 D1 20070208; EP 1384640 A1 20040128; EP 1384640 B1 20061227; ES 2279028 T3 20070816

DOCDB simple family (application)

DE 20211647 U 20020723; DE 50306085 T 20030523; EP 03011675 A 20030523; ES 03011675 T 20030523