

Title (en)

LIGHT SIGNAL

Title (de)

LICHTSIGNAL

Title (fr)

SIGNAL LUMINEUX

Publication

**EP 2473777 A1 20120711 (DE)**

Application

**EP 10739567 A 20100727**

Priority

- DE 102009039703 A 20090831
- EP 2010060887 W 20100727

Abstract (en)

[origin: WO2011023480A1] The invention relates to a light signal comprising a semiconductor light source (2) and a convex lens system (11) for representing signal aspects, especially on rail-bound traffic routes. In order to eliminate the need for monochrome semiconductor light sources, the semiconductor light source (2) is a white point light source, a signal aspect-specific color filter being provided in the aperture region of the point light source.

IPC 8 full level

**F21V 9/08** (2006.01); **B61L 5/18** (2006.01); **F21S 8/00** (2006.01); **F21V 9/40** (2018.01); **F21V 14/00** (2006.01); **F21W 111/02** (2006.01);  
**F21Y 101/02** (2006.01)

CPC (source: EP US)

**B61L 5/1818** (2013.01 - EP US); **B61L 5/1845** (2013.01 - EP US); **F21S 8/086** (2013.01 - EP US); **F21S 10/007** (2013.01 - EP US);  
**F21V 9/08** (2013.01 - EP US); **F21V 9/40** (2018.01 - EP US); **F21V 14/006** (2013.01 - EP US); **B61L 2207/02** (2013.01 - EP US);  
**F21W 2111/02** (2013.01 - EP US); **F21Y 2101/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2011023480A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011023480 A1 20110303**; CN 102483217 A 20120530; DE 102009039703 A1 20110317; EP 2473777 A1 20120711;  
EP 2473777 B1 20180117; RU 2012112515 A 20131010; RU 2543402 C2 20150227; US 2012153314 A1 20120621; US 8702282 B2 20140422

DOCDB simple family (application)

**EP 2010060887 W 20100727**; CN 201080038202 A 20100727; DE 102009039703 A 20090831; EP 10739567 A 20100727;  
RU 2012112515 A 20100727; US 201013393286 A 20100727