

Title (en)  
Light signal

Title (de)  
Lichtsignal

Title (fr)  
Signal lumineux

Publication  
**EP 2163455 B1 20180926 (DE)**

Application  
**EP 09168648 A 20090826**

Priority  
DE 102008047664 A 20080915

Abstract (en)  
[origin: EP2163455A2] The light signal has a light source formed as a semiconductor light source (11) with long directional characteristics. A light guiding element (12) has an opaque housing and a matted light emitting surface (13) arranged in a focal point of an optical system. A light decoupling unit is provided for close range display. The light source is formed as a chip-on-board component on a carrier board with a cooling body. The optical system has a filter disk including different neutral gray filter stages.

IPC 8 full level  
**B61L 5/18** (2006.01)

CPC (source: EP)  
**B61L 5/1845** (2013.01); **B61L 5/1854** (2013.01); **B61L 2207/02** (2013.01)

Cited by  
EP2113439A3; GB2495120A; GB2495120B; DE102017220615A1; DE102018205652A1; WO2011157597A1; WO2013045867A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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