

Title (en)

Signal lamp for railway vehicles

Title (de)

Signalleuchte für Schienenfahrzeuge

Title (fr)

Feu de signalisation pour véhicules ferroviaires

Publication

EP 1524168 B1 20060830 (DE)

Application

EP 04024496 A 20041014

Priority

DE 20316143 U 20031015

Abstract (en)

[origin: EP1524168A1] The signaling light unit has a reflector [12] with a first light bulb at the center [16] and a second one [18] in an offset position both for white light. A third bulb [20] is colored red and to prevent a phantom red light effect when the white light is on it is fitted with a shielding plate [16]. Green light is provided by an LED [26] that emits over a wide angle.

IPC 8 full level

B61D 29/00 (2006.01); **B61L 15/02** (2006.01); **F21S 8/00** (2006.01)

CPC (source: EP US)

B61D 29/00 (2013.01 - EP); **B61L 15/02** (2013.01 - EP US); **B61L 2207/02** (2013.01 - EP); **F21Y 2113/00** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by

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Designated contracting state (EPC)

CZ DE ES FR IT PL

DOCDB simple family (publication)

DE 20316143 U1 20031224; DE 502004001327 D1 20061012; EP 1524168 A1 20050420; EP 1524168 B1 20060830; ES 2271758 T3 20070416; PL 1524168 T3 20070228

DOCDB simple family (application)

DE 20316143 U 20031015; DE 502004001327 T 20041014; EP 04024496 A 20041014; ES 04024496 T 20041014; PL 04024496 T 20041014