

Title (en)

SWITCHING CIRCUIT FOR RAILWAY LIGHT SIGNAL INSTALLATION

Title (de)

SCHALTUNGSANORDNUNG FÜR EISENBAHN-LICHTSIGNALANLAGEN

Title (fr)

CIRCUIT DE COMMUTATION POUR INSTALLATION DE SIGNALISATION LUMINEUSE POUR CHEMIN DE FER

Publication

**EP 0678078 B1 19980902 (DE)**

Application

**EP 94929449 A 19941017**

Priority

- CH 9400205 W 19941017
- CH 333193 A 19931105

Abstract (en)

[origin: WO9512512A1] The circuit for emitting optical signals adapted to the ambient light consists of a transformer (XFMR) connected on the primary side to an a.c. input (INP) and on the secondary side via a rectifier circuit (GS) to the input of at least one lighting unit (BE1) fitted with electroluminescent diodes (LD1, ..., LDx). The circuit is compatible with circuits using incandescent lamps, but has a much lower error probability.

IPC 1-7

**B61L 7/10**; **H05B 33/08**; **B61L 5/18**

IPC 8 full level

**B61L 5/18** (2006.01); **H05B 44/00** (2022.01); **H05B 45/50** (2022.01)

CPC (source: EP US)

**B61L 5/1881** (2013.01 - EP US); **H05B 45/12** (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US); **B61L 2207/02** (2013.01 - EP)

Cited by

DE102013108689B3; DE102004027351B3; DE102005023295A1; EP1722608A3; US7129856B2

Designated contracting state (EPC)

AT DE DK FR GB IT NL SE

DOCDB simple family (publication)

**WO 9512512 A1 19950511**; AT E170472 T1 19980915; DE 59406833 D1 19981008; DK 0678078 T3 19990607; EP 0678078 A1 19951025; EP 0678078 B1 19980902; NO 951743 D0 19950504; NO 951743 L 19950705

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