

Title (en)
Interface Module between a Signal Box and a Signalling Unit with LEDs

Title (de)
Schaltmodul zwischen einem Stellwerk und einem LED-Signalgeber

Title (fr)
Interface entre un poste d'aiguillage et un signal avec des diodes électroluminescentes

Publication
EP 1741613 B1 20080227 (DE)

Application
EP 05291458 A 20050704

Priority
EP 05291458 A 20050704

Abstract (en)
[origin: EP1741613A1] A switch module between a railway signal box and a light emitting diode (LED) signal has a relay (H) with two switch conditions, and a signal box secondary wire (NF) inlet that is only linked to the LED signal input (La) when the relay is in a first condition. The signal box has a further main input wire (HF) that is only linked to the LED signal input (La) when the relay is in the second condition. In the second relay condition the secondary wire input (NF) is linked with the signal box return conductor input (RL) via a resistance (R3).

IPC 8 full level
B61L 5/18 (2006.01); **B61L 7/10** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
B61L 5/1881 (2013.01 - EP US); **B61L 7/10** (2013.01 - EP); **H05B 45/34** (2020.01 - US); **H05B 45/345** (2020.01 - EP US); **B61L 2207/02** (2013.01 - EP)

Cited by
CN107343341A; EP2463174A1; US9180896B2; WO2013013948A1; WO2012076313A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1741613 A1 20070110; EP 1741613 B1 20080227; AT E387365 T1 20080315; DE 502005003000 D1 20080410

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EP 05291458 A 20050704; AT 05291458 T 20050704; DE 502005003000 T 20050704