

Title (en)

Method and circuit for a safe feedback in railway applications

Title (de)

Verfahren und Schaltungsanordnung zur Erzeugung einer eisenbahntechnisch sicheren Rückmeldung

Title (fr)

Procédé et circuit pour créer un signal sûr de confirmation pour des applications ferroviaires

Publication

EP 1524167 A3 20090415 (DE)

Application

EP 04022257 A 20040918

Priority

- EP 04022257 A 20040918
- EP 03023063 A 20031014

Abstract (en)

[origin: EP1524167A2] Method for producing an acknowledgement (2) of a command (1) comprises transmitting the command via a two-wire line using an alternating current source contained in a first railway unit (10), and producing the acknowledgement from the current flowing between the first railway unit and a second railway unit (20). An independent claim is also included for a switching arrangement for carrying out the above method. Preferred Features: The acknowledgement in the second step is connected by an alternating current relay (13) arranged in the first railway unit. The alternating current source is formed by a direct current source (11) and a multi-vibrator (12). The second railway unit has a current transformer (22).

IPC 8 full level

B61L 7/08 (2006.01)

CPC (source: EP)

B61L 7/08 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1524167 A2 20050420; EP 1524167 A3 20090415; EP 1524167 B1 20101103

DOCDB simple family (application)

EP 04022257 A 20040918