Title (en)

Transponder connection to a relay interlocking for the selection of an ETCS telegram

Title (de)

Balisen-Anschaltung für die Auswahl eines ETCS-Telegramms an ein Relaisstellwerk

Title (fr)

Connection d'une balise au poste d'aiguillage à relais par la sélection d'un télégramme ETCS

Publication

EP 1759953 A1 20070307 (DE)

Application

EP 05018867 A 20050831

Priority

EP 05018867 A 20050831

Abstract (en)

Transponder connection has the transmitting stage connected with an analog comparator (17) where the superimposed telegram produced by the amplifier pertaining to the superimposed signal is compared with the signals originating from telegram specific second signal sources. The analog comparator is connected with relay logic (7) and the result of comparison is fed back to the relay logic. Transponder connection has every signal derived from the telegram-specific signal source superimposed on the ETCS telegrams which can be selected. A multiplexer (13) is connected with the relay logic by an address bus (adrs). The relay logic applies an address to the address bus by giving a signal reference, with which the multiplexer selects ETCS telegram superimposed by the signal. The multiplexer is connected with transmitting stage (15) for transmission of ETCS telegram superimposed by signal.

IPC 8 full level

B61L 3/12 (2006.01)

CPC (source: EP)

B61L 3/121 (2013.01); B61L 2027/202 (2022.01)

Citation (applicant)

PROF. DR. JÖRN PACHL, ZUG- BEEINFLUSSUNGSSYSTEME EUROPÄISCHER BAHNEN, pages 725 - 733

Citation (search report)

- [A] EP 1552997 A2 20050713 - SIEMENS AG [DE]
- [A] MÜLLER T, ALTHAUS H: "ETCS-Migration in der schweiz mit Balisengerät", SIGNAL + DRAHT, vol. 94, no. 1-2, 1 January 2002 (2002-01-01), Hamburg, de, pages 31 - 32, XP002361845

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DE102007022837A1

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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