

Title (en)

Transmission system especially for traffic control systems

Title (de)

Übertragungssystem insbesondere für verkehrstechnische Systeme

Title (fr)

Système de transmission en particulier pour systèmes de commande de trafic

Publication

**EP 0960797 A3 20020612 (DE)**

Application

**EP 99109061 A 19990507**

Priority

CH 113598 A 19980525

Abstract (en)

[origin: EP0960797A2] The system has a transmission line (LTG) connected at one end via a first connection to an AC voltage source (Q) and at the other via a second connection to a load (VL). The AC voltages produced by the source and transferred by the transmission line can be used for power supply purposes or for the transmission of data. The load can be switched between two load states by a logic module (LOG) depending on data to be transmitted so that changes in the amplitude of the AC voltage produced by the AC source occur at the first connection and are fed into a detection module (DET) which detects the changes and produces a corresponding data flow.

IPC 1-7

**B61L 3/12**; B61L 3/22; B61L 19/06; H04L 5/14

IPC 8 full level

**B61L 3/12** (2006.01); **B61L 3/22** (2006.01); **B61L 7/06** (2006.01)

CPC (source: EP)

**B61L 3/121** (2013.01); **B61L 3/126** (2013.01); **B61L 3/22** (2013.01); **B61L 7/06** (2013.01); **B61L 21/04** (2013.01); **B61L 2019/065** (2013.01)

Citation (search report)

- [X] DE 19725710 A1 19980108 - LARCHER BEAT [CH], et al
- [A] FR 2657479 A1 19910726 - BERTIN & CIE [FR]
- [DA] EP 0747995 A2 19961211 - SIEMENS SCHWEIZ AG [CH]

Cited by

EP1524167A3; EP1661784A1; AU2005309079B2; EP3072775A1; WO2006056284A1; WO2019091772A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0960797 A2 19991201**; **EP 0960797 A3 20020612**; **EP 0960797 B1 20060315**; AT E320365 T1 20060415; DE 59913216 D1 20060511

DOCDB simple family (application)

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