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**EP 0495561 A3 19940223**

Application
**EP 92250009 A 19920110**

Priority
DE 4101269 A 19910117

Abstract (en)
[origin: EP0495561A2] For transmitting data provided by track devices (G1) to passing vehicles, line conductors (L) of limited extent are connected to the track devices. The track devices are cyclically activated by a control station (LST). During this process, the control station transmits, for example, call-up messages for forwarding to the associated line conductor to the respective track device via a data line (K1). If these messages are received and acknowledged by a vehicle, this is detected by the control station which, by connecting a control code (+U) to the data line, causes the track device to output the data provided by the track device. The transmission process is ended by a second acknowledgement message. If the control station sends a continuous signal outside the times needed for calling up the vehicles and possibly the reception of acknowledgements, the vehicles can carry out a self-locating process in this time via the line conductors over which they run. The special advantage of the device according to the invention is that track devices of very simple construction can be used. <IMAGE>

IPC 1-7
**B61L 3/22**; B61L 27/00

IPC 8 full level
**B61L 3/22** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)
**B61L 3/225** (2013.01)

Citation (search report)
- [DA] DE 1176698 B 19640827 - SIEMENS AG
- [A] DE 2232530 B1 19740103
- [A] DE 2606505 B1 19770714 - SIEMENS AG

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