

Title (en)

DEVICE FOR TRANSMITTING INFORMATION BY THE RAILS BETWEEN A RAILWAY TRACK AND THE VEHICLES RUNNING ON THIS TRACK

Publication

EP 0007271 B1 19820407 (FR)

Application

EP 79400448 A 19790702

Priority

FR 7821168 A 19780717

Abstract (en)

[origin: WO8000239A1] A better transmitting device is disclosed where the propagation zones of the information signals are independent of the block sections of the system. A generator (11) of alternating signals modulated in (12) by the signals (13) to be transmitted is coupled to the lines of rail (1 and 2) by induction, by means of a spiral (6) downstream of the zone. Each information transmitting zone is defined upstream and downstream by resonant circuits (4 and 5) tuned on the carrier frequency of the transmitted signals. This frequency is selected in order to avoid any interaction between the track circuits and the information transmitting device. Application to railway traffic.

IPC 1-7

B61L 3/22

IPC 8 full level

B61L 3/22 (2006.01)

CPC (source: EP US)

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Cited by

US4442988A; EP0057632A3; FR2498546A1; US4487385A; EP0043753B1

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DOCDB simple family (publication)

EP 0007271 A1 19800123; EP 0007271 B1 19820407; AU 4934179 A 19820527; AU 534067 B2 19840105; CA 1121495 A 19820406; DE 2962440 D1 19820519; FR 2431409 A1 19800215; FR 2431409 B1 19810220; IT 1118183 B 19860224; IT 7949723 A0 19790711; US 4420133 A 19831213; WO 8000239 A1 19800207; ZA 793609 B 19801029

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EP 79400448 A 19790702; AU 4934179 A 19790730; CA 331914 A 19790716; DE 2962440 T 19790702; FR 7821168 A 19780717; FR 7900057 W 19790702; IT 4972379 A 19790711; US 19327280 A 19800317; ZA 793609 A 19790717