Title (en)
SYSTEM FOR LOCATING A RAILWAY VEHICLE

Publication
EP 0178158 A3 19871028 (EN)

Application
EP 85307211 A 19851009

Priority
GB 8425687 A 19841011

Abstract (en)
[origin: EP0178158A2] A flaw detector for checking and continuously proving the integrity of railway tracks rails is given a second role to additionally sense markers attached to the rail webs. These markers, for example welded metal blocks, are arranged to reproduce a code word in the flaw sensor outputs representing the location of the vehicle. The code word is then transmitted, together with another code word representing the vehicle's identity, to a central traffic control office via a radio communication channel. The described arrangement may directly replace conventional track circuit apparatus.

IPC 1-7
B61L 25/02

IPC 8 full level
B61L 25/02 (2006.01)

CPC (source: EP)
B61L 25/021 (2013.01); B61L 25/023 (2013.01); B61L 25/025 (2013.01)

Citation (search report)
- [Y] US 3281779 A 19661025 - YEISER ANDREW S
- [A] US 3601602 A 19710824 - SMITH WILLIS R
- [Y] IEEE TRANSACTIONS ON COMPUTERS, vol. C-31, no. 10, October 1982, pages 1009-1017, IEEE, New York, US; H.A. SHOLL et al.: "A multimicroprocessor system for real-time classification of railroad track flaws"

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IT201800020269A1; AT413810B; US6087612A; EP0896288A3

Designated contracting state (EPC)
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0178158 A2 19860416; EP 0178158 A3 19871028; AU 4849385 A 19860417; ES 547801 A0 19870501; ES 8705321 A1 19870501; GB 2166274 A 19860430; GB 2166274 B 19880518; GB 8425687 D0 19841114; GB 8524892 D0 19851113; ZA 857723 B 19860827

DOCDB simple family (application)
EP 85307211 A 19851009; AU 4849385 A 19851010; ES 547801 A 19851011; GB 8425687 A 19841011; GB 8524892 A 19851009; ZA 857723 A 19851007