

Title (en)

Method and device for warning persons in the track area

Title (de)

Verfahren und Einrichtung zur Warnung von Personen im Gleisbereich

Title (fr)

Procédé et dispositif pour alerter des personnes dans la zone de voie ferrée

Publication

EP 0694463 A1 19960131 (DE)

Application

EP 95110153 A 19950629

Priority

- DE 4425969 A 19940722
- DE 4433177 A 19940919

Abstract (en)

The warning system is used to indicate the approach of a train via signalling stations (1) linked to warning stations (5) at the working zones. The position of each warning station is determined by a radio receiver (51) for a global positioning system, so that only the status information provided by the signalling station corresponding to the working zone in which the warning station is located is evaluated. The warning station provides a fault warning when no status information is received within a defined time frame. Pref. the signalling station similarly contains a radio receiver (13) for a global positioning system for locating the position of the signalling station, with the position information and/or the train position information combined with the transmitted status information. <IMAGE>

Abstract (de)

Verfahren und Einrichtung zur Warnung von Personen im Gleisbereich vor herannahenden Zügen durch Meldestationen (1), die Züge signalisierende, der Warnegebung dienende Statusinformationen an im Arbeitsbereich der Personen befindliche, zur Warnegebung fähige Warnstationen (5) leiten, die ihre Lage durch Funkempfänger (53) eines globalen Positionierungssystems ermitteln und nur jene Statusinformationen auswerten, deren zugeordneter Arbeitsbereich mit ihrer ermittelten Lage übereinstimmt. <IMAGE>

IPC 1-7

B61L 23/06

IPC 8 full level

B61L 23/06 (2006.01)

CPC (source: EP)

B61L 23/06 (2013.01); **B61L 2205/04** (2013.01)

Citation (applicant)

- DE 4123960 C1 19920813
- DE 4005354 A1 19910822 - STEIN GMBH [DE]
- US 5129605 A 19920714 - BURNS ROGER D [US], et al
- DE 4244624 A1 19940630 - MANNESMANN AG [DE]

Citation (search report)

- [DA] DE 4123960 C1 19920813
- [DA] DE 4005354 C2 19920109
- [DA] US 5129605 A 19920714 - BURNS ROGER D [US], et al

Cited by

EP0818377A3; EP1645483A1; NL1024795C2; FR2879550A1; EP1674370A1; WO2006037808A1; WO2005047074A1

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