

Title (en)

OPTICAL WARNING INSTALLATION FOR WORK GANGS

Title (de)

OPTISCHE ROTTENWARNANLAGE

Title (fr)

INSTALLATION D'AVERTISSEMENT OPTIQUE DE PERSONNEL TRAVAILLANT SUR LA VOIE

Publication

EP 0690803 A1 19960110 (DE)

Application

EP 94911084 A 19940323

Priority

- DE 9400348 W 19940323
- DE 9304748 U 19930323

Abstract (en)

[origin: WO9421504A1] A novel, fully-automatable, portable, optical alarm installation for work gangs is disclosed, as well as a central unit therefor and a flash lighting arrangement for warning track-workers of the approach of a rail vehicle. When a train approaches, track-workers must clear the track. For that purpose, an appropriate warning installation which may be perceived at all times by the workers and is reliable in operation is required. For that purpose, a work gang warning installation is equipped with a central unit connected to the mains supply or to an accumulator. The central unit has a control logic, for example a signal receiver for detecting signals from a signal generator, as well as a computer, for example, and a modem for driving regular and faulty operation warning displays and for monitoring the energy supply, completed by a number of warning displays arranged along the work site. Faulty operation warning displays are installed at the central unit itself and comprise at least one flash lighting arrangement. If required, the flash lighting arrangements are also equipped with a computer, a data transmission modem and their own energy supply, for example an accumulator. The warning displays may be positioned along the work site in a manner dependent on the type of work site, so that a clear display with corresponding flash lights gives an unmistakable, easy to identify optical warning.

IPC 1-7

B61L 23/06

IPC 8 full level

B61L 23/06 (2006.01)

CPC (source: EP)

B61L 23/06 (2013.01)

Citation (search report)

See references of WO 9421504A1

Citation (third parties)

Third party :

- DE 1605414 A1 19710415 - LICENTIA GMBH
- Gutachten de Instituts für Medizinische Optik der Universität München vom 19.12.1978 eingereicht, das für die Deutsche Bundesbahn erstellt worden war

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 9304748 U1 19931118; AU 6374094 A 19941011; DE 4491540 D2 19960627; EP 0690803 A1 19960110; WO 9421504 A1 19940929

DOCDB simple family (application)

DE 9304748 U 19930323; AU 6374094 A 19940323; DE 4491540 T 19940323; DE 9400348 W 19940323; EP 94911084 A 19940323