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EUROPEAN PATENT APPLICATION

⑳ Application number: **84301346.7**

㉑ Int. Cl.4: **B 61 L 23/00**

㉒ Date of filing: **01.03.84**

㉓ Priority: **01.03.83 GB 8305581**

㉔ Applicant: **Yang, Tai-Her, 5-1 Tay Pyng St., Shi Hwu Jenn Jang Huah Shiann (TW)**

㉕ Date of publication of application: **05.09.84**
Bulletin 84/36

㉕ Inventor: **Yang, Tai-Her, 5-1 Tay Pyng St., Shi Hwu Jenn Jang Huah Shiann (TW)**

㉖ Designated Contracting States: **AT BE CH DE FR GB IT LI LU NL SE**

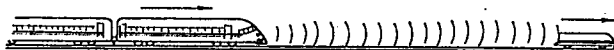
㉗ Date of deferred publication of search report: **02.03.88 Bulletin 88/9**

㉘ Representative: **Arthur, Bryan Edward et al, Withers & Rogers 4 Dyer's Buildings Holborn, London EC1N 2JT (GB)**

㉙ **Train with forerunner.**

㉚ The frequency of accidents to trains is reduced by providing a self-propelled forerunner which, under control from the train, can run on the track ahead of the train. The forerunner is provided with a sensor system for surveying the track over which it is running and with means for transmitting to the train information on the track conditions so sensed. The information may be displayed to the driver of the train and/or fed into an automatic controller for the train.

In one embodiment of the invention, signals generated by the sensor system of the forerunner are compared with signals corresponding to the normal condition of the track as stored in a computer.





European Patent
Office

EUROPEAN SEARCH REPORT

0117763

Application Number

EP 84 30 1346

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	DE-A-2 631 654 (PRYDZ) * Claims *	1-5	B 61 L 23/00
A	US-A-3 128 975 (HEUNG-DUK DAN) * Whole document *	1,5,6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 61 L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-12-1987	Examiner SGURA S.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div>			