

Title (en)

Train sensor for warning persons in the track area

Title (de)

Zugsensor zur Warnung von Personen im Gleisbereich

Title (fr)

Capteur de train pour alerter des personnes dans la zone de voie ferrée

Publication

EP 0875437 A3 20000517 (DE)

Application

EP 98107174 A 19980420

Priority

DE 19717939 A 19970429

Abstract (en)

[origin: EP0875437A2] The train sensor uses pressure chambers (21,41) and associated pressure sensors (23,43), for detecting variations in the pressure between the rail track and the track bed (2) upon passage of the train wheels, for supplying a train warning signal to a warning station (15), positioned along the track ahead of the train, via a communication channel (11). The detected pressure variations are evaluated by comparison with a threshold value, with a fault signal supplied to the communication channel when the pressure signal falls below a given level.

IPC 1-7

B61L 23/06; **B61L 1/04**

IPC 8 full level

B61L 1/04 (2006.01); **B61L 23/06** (2006.01)

CPC (source: EP)

B61L 1/04 (2013.01); **B61L 23/06** (2013.01)

Citation (search report)

- [Y] WO 9605095 A1 19960222 - EE SIGNALS GMBH & CO KG [DE], et al
- [Y] EP 0468397 A1 19920129 - PFISTER MESSTECHNIK [DE]

Cited by

US7245217B2; US7268699B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0875437 A2 19981104; **EP 0875437 A3 20000517**; DE 19717939 A1 19981126; DE 19717939 C2 19990415

DOCDB simple family (application)

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