

Title (en)

WARNING SYSTEM FOR TRAINS AND METHOD FOR WARNING TRAINS

Title (de)

WARNSYSTEM FÜR ZÜGE UND VERFAHREN ZUM WARNEN VON ZÜGEN

Title (fr)

SYSTÈME D'AVERTISSEMENT POUR TRAINS ET PROCÉDÉ D'AVERTISSEMENT DE TRAINS

Publication

EP 3615397 A1 20200304 (EN)

Application

EP 18714153 A 20180312

Priority

- GB 201706663 A 20170427
- EP 2018056074 W 20180312

Abstract (en)

[origin: GB2561878A] A manually-operable mobile terminal transmits, to a control centre, coordinates of a location and a type and/or severity of risk existing there. The control centre then identifies all trains within a defined region around the identified location. Trains within this region are identified as moving either towards or away from the location and, if the risk is identified as critical, an alert signal is sent only to those trains moving towards the location. This signal may be sent continuously to a train, and the train may in response continuously emit an unmutable warning message to the driver until the train has passed the location. The control centre may also transmit to the mobile terminal a message indicating the number, and expected arrival time, of trains moving towards the location. The coordinates associated with the location may be locked, or may continuously update according to the location of the mobile terminal.

IPC 8 full level

B61L 23/00 (2006.01); **B61L 25/02** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP GB)

B61L 23/00 (2013.01 - EP); **B61L 23/04** (2013.01 - EP GB); **B61L 25/02** (2013.01 - EP); **B61L 25/025** (2013.01 - EP GB); **B61L 27/00** (2013.01 - EP); **B61L 27/70** (2022.01 - EP GB); **B61L 2205/02** (2013.01 - EP GB); **B61L 2205/04** (2013.01 - EP GB)

Citation (search report)

See references of WO 2018197095A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

GB 201706663 A 20170427; EP 18714153 A 20180312; EP 2018056074 W 20180312