

Title (en)

Control station, mobile station and method for communication in object movement control

Title (de)

Kontrollstation, mobile Station und Verfahren zur Kommunikation bei Objektbewegungssteuerung

Title (fr)

Station de commande, station mobile et procédé de communication dans la commande de déplacement de l'objet

Publication

**EP 1868175 A2 20071219 (EN)**

Application

**EP 06115510 A 20060614**

Priority

EP 06115510 A 20060614

Abstract (en)

A communication system (100) for use in movement control of mobile objects such as transport vehicles includes a first mobile station (106), a second mobile station (107) and a control station (103), wherein the first mobile station is operable to send to the control station, and the control station is operable to receive, a signal including location information relating to a current location of the first mobile station and wherein the second mobile station is operable to send to the control station, and the control station is operable to receive, a signal including location information relating to a current location of the second mobile station, and the control station is operable to detect from the location information received from the first and second mobile stations that the first mobile station is approaching a current location of the second mobile station and to issue an alert signal to either or both of the first and second mobile stations to indicate an alert condition related to the detected approach. The control station may automatically issue the alert signal based on a prediction of a probable collision. The first mobile station may be carried on a train or ship or other transport vehicle and the second mobile station may be a radio of a user who is located in the intended path of the train or ship or other vehicle. Also described is a control station, a mobile station and a method for use in the system.

IPC 8 full level

**B61L 23/06** (2006.01); **B61L 25/02** (2006.01); **G08G 1/123** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP)

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Cited by

ITTO20090172A1; ITMI20102408A1; ES2553804A1; CN109584634A; EP2236386A1; NL1036793C2; CN111132000A; FR2967961A1; RU2467905C1; JP2016130085A; IT202000004225A1; US8878702B2; WO2013079908A1; WO2012072902A1; WO2012090144A3; WO2013112885A3; WO2012090144A2; US9153131B2; US9478142B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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