

Title (en)

HIGH-SPEED TRAIN WITH AN OBSTACLE WARNING SYSTEM

Title (de)

HOCHGESCHWINDIGKEITSZUG MIT EINEM SYSTEM ZUR HINDERNISWARNUNG

Title (fr)

TRAIN A GRANDE VITESSE AVEC UN SYSTEME D'AVERTISSEMENT D'OBSTACLE

Publication

**EP 1572517 A1 20050914 (DE)**

Application

**EP 03767461 A 20031127**

Priority

- DE 0303921 W 20031127
- DE 10260555 A 20021221

Abstract (en)

[origin: US2006030977A1] The invention relates to an obstacle warning system for railborne vehicles, particularly for high-speed trains, comprising of at least one sensor (S 1 , S 2 ) that is mounted on the railborne vehicle. According to the invention, the sensor (S 1 , S 2 ) is aligned transverse to the direction of travel of the railborne vehicle (Fz) whereby enabling the detection of potential obstacles located within the structure clearance of a vehicle that is adjacent to the travel way of the vehicle (Fz).

IPC 1-7

**B61L 23/04**

IPC 8 full level

**B61L 23/04** (2006.01)

CPC (source: EP US)

**B61L 23/041** (2013.01 - EP US)

Citation (search report)

See references of WO 2004058555A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 2006030977 A1 20060209**; AT E334859 T1 20060815; CN 1720162 A 20060111; DE 10260555 A1 20040701; DE 50304517 D1 20060914; EP 1572517 A1 20050914; EP 1572517 B1 20060802; WO 2004058555 A1 20040715

DOCDB simple family (application)

**US 54035005 A 20050621**; AT 03767461 T 20031127; CN 200380104955 A 20031127; DE 0303921 W 20031127; DE 10260555 A 20021221; DE 50304517 T 20031127; EP 03767461 A 20031127