

Title (en)

METHOD FOR PREDICTING THE EXISTENCE OF A CURVE IN A ROAD PORTION

Title (de)

VERFAHREN ZUM VORRAUSSAGEN DES VORKOMMENS EINER KURVE IN EINER WEGSTRECKE

Title (fr)

PROCEDE POUR PREVOIR LA PRESENCE D'UN VIRAGE SUR UN TRON ON DE ROUTE

Publication

EP 1038189 A1 20000927 (EN)

Application

EP 98962797 A 19981210

Priority

- SE 9802280 W 19981210
- SE 9704612 A 19971210

Abstract (en)

[origin: WO9930183A1] The present invention relates to a method and a device for predicting the existence of a curve in a road portion in front of a vehicle in connection with the utilisation of a radar arranged on the vehicle which, by transmitting a radar signal and recording received reflections thereof, provides information indicating the position of objects located in an area in front of the vehicle. According to the invention, values are derived which represent directions of hypothetical lines between said objects and from said directions are derived the corresponding values each of which defines the position of a respective one of said lines between said objects. Subsequently, it is determined whether at least a subset of said values of directions and corresponding positions fulfils a functional relationship between direction and position, whereby the existence of said curve is predicted on the basis thereof.

IPC 1-7

G01S 13/93; **G08G 1/16**

IPC 8 full level

G08G 1/16 (2006.01); **B60W 30/00** (2006.01); **G01S 7/295** (2006.01); **G01S 13/42** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP)

G01S 7/2955 (2013.01); **G01S 13/42** (2013.01); **G01S 13/931** (2013.01); **G01S 2013/93271** (2020.01); **G01S 2013/9329** (2020.01)

Citation (search report)

See references of WO 9930183A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9930183 A1 19990617; AU 1795499 A 19990628; EP 1038189 A1 20000927; JP 2001526397 A 20011218; SE 511013 C2 19990719; SE 9704612 D0 19971210; SE 9704612 L 19990611

DOCDB simple family (application)

SE 9802280 W 19981210; AU 1795499 A 19981210; EP 98962797 A 19981210; JP 2000524687 A 19981210; SE 9704612 A 19971210