Title (en)

METHOD OF DETERMINING A ROUTE AS A FUNCTION OF SINUOSITY INDEX

Title (de)

VERFAHREN ZUR BESTIMMUNG EINER ROUTE ALS FUNKTION EINES WINDUNGSINDEXES

Title (fr)

PROCEDE DE DETERMINATION D"UN ITINERAIRE EN FONCTION DE L"INDICE DE SINUOSITE

Publication

EP 1805485 A2 20070711 (FR)

Application

EP 05805838 A 20051013

Priority

- EP 2005011009 W 20051013
- FR 0411026 A 20041018

Abstract (en)

[origin: WO2006042690A2] The invention relates to a method of determining routes between a point of departure (a) and a point of arrival (ß) for a digital road mapping system comprising a set of segments that are representative of a road network. The inventive method comprises the following steps consisting in: receiving a route request containing the points of departure and arrival and the selected, preferred sinuosity level; identifying a plurality of potential routes; assigning a value to each of the potential routes as a function of the global sinuosity index thereof, which is established from the sinuosity index of each of the segments forming the potential routes; and selecting the potential route with the sinuosity index that best corresponds to the sinuosity level of the request.

IPC 8 full level

G01C 21/34 (2006.01)

CPC (source: EP US)

G01C 21/3461 (2013.01 - EP US)

Citation (search report)

See references of WO 2006042690A2

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)

FR 2876819 A1 20060421; EP 1805485 A2 20070711; US 2009222198 A1 20090903; WO 2006042690 A2 20060427; WO 2006042690 A3 20070111

DOCDB simple family (application)

FR 0411026 A 20041018; EP 05805838 A 20051013; EP 2005011009 W 20051013; US 66565405 A 20051013