

Title (en)

NAVIGATION SYSTEM WITH USER DEFINABLE COST VALUES

Title (de)

NAVIGATIONSSYSTEM MIT ANWENDERDEFINIERBARE KOSTENWERTE

Title (fr)

SYSTEME DE NAVIGATION INTEGRANT DES VALEURS DE COUT DEFINIES PAR L'USAGER

Publication

EP 1018081 A4 20010228 (EN)

Application

EP 97942552 A 19970917

Priority

US 9716551 W 19970917

Abstract (en)

[origin: WO9914701A1] A navigation system (20) permits the user to designate certain roads or area to avoid when planning a route. The navigation system generally includes a database (28) of road segments and a cost associated with the road segments, such as estimated time or travel across that road segment and estimated length of travel across that road segment. The navigation system (20) determines a route from a selected beginning point to a desired destination by evaluating the cost of the road segments to be traveled in several potential routes and recommends the potential route having the lowest total cost. The user can selectively modify the cost of selected road segments to indicate a preference or avoidance of such roads. By increasing the cost of a road segment, the navigation system (20) is less likely to recommend a potential route which includes that road segment. Similarly, by decreasing the cost of a selected road segment, the navigation system (20) is more likely to recommend a potential route which includes that road segment.

IPC 1-7

G06F 17/00; **G08G 1/137**; **G01C 21/20**

IPC 8 full level

G01C 21/34 (2006.01); **G08G 1/0968** (2006.01); **G08G 1/137** (2006.01)

CPC (source: EP)

G01C 21/3461 (2013.01); **G08G 1/096827** (2013.01); **G08G 1/096838** (2013.01); **G08G 1/096861** (2013.01); **G08G 1/137** (2013.01)

Citation (search report)

- [XY] US 5184303 A 19930202 - LINK LAURA J [US]
- [Y] WO 9309511 A1 19930513 - MOTOROLA INC [US]
- [X] US 5508930 A 19960416 - SMITH JR BERNARD C [US]
- See references of WO 9914701A1

Designated contracting state (EPC)

AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9914701 A1 19990325; AU 4423197 A 19990405; CA 2303221 A1 19990325; EP 1018081 A1 20000712; EP 1018081 A4 20010228

DOCDB simple family (application)

US 9716551 W 19970917; AU 4423197 A 19970917; CA 2303221 A 19970917; EP 97942552 A 19970917