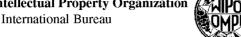
(19) World Intellectual Property Organization





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- (74) Agents: WHITE, James, A. D. et al.; Seed Intellectual Property Law Group PLLC, Suite 5400, 701 Fifth Avenue, Seattle, Washington 98104-7064 (US).

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Declaration under Rule 4.17:

as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

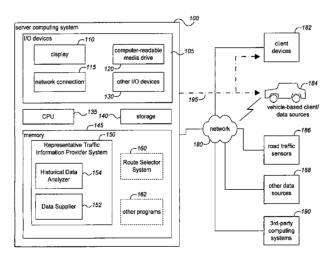
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16 October 2008

(54) Title: REPRESENTATIVE ROAD TRAFFIC FLOW INFORMATION BASED ON HISTORICAL DATA



(57) Abstract: Techniques are described for automatically analyzing historical information about road traffic flow in order to generate representative information regarding current or future road traffic flow, and for using such generated representative traffic flow information. Representative traffic flow information may be generated for a variety of types of useful measures of traffic flow, such as for average speed at each of multiple road locations during each of multiple time periods. Generated representative traffic flow information may be used in various ways to assist in travel and for other purposes, such as to determine likely travel times and plan optimal routes. The historical traffic data used to generate the representative traffic flow information may include data readings from physical sensors that are near or embedded in the roads, and/or data samples from vehicles and other mobile data sources traveling on the roads.





INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/18389

A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 19/00(2006.01),7/70(2006.01)			
USPC: 701/117,118,119 According to International Patent Classification (IPC) or to both national classification and IPC			
D. JETTI DG GD AD GUIDD			
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 701/117,118,119			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.
A	US 6,587,781 (Feldman et al.) 1 July 2003 (.01.07.20	009)	
Α	US 6,882,930 B2 (Trayford et al.) 19 April 2005 (19.	04.2005)	
Α	US 7,363,144 B2 (Liu et al) 22 April 2008 (22.04.2008)		
Α	US 2001/0027373 A1 (Bates et al.) 4 October 2001 (04.10.2001)		
Α	US 2005/0140525 A1 (Tomita et al.) 30 June 2005 (30.06.2005)		
Α	US 2005/0206534 A1 (Yamane et al.) 22 September 2005 (22.09.2005)		
. A	US 2006/0025925 A1 (Fushiki et al.) 2 February 2006 (02.02.2006)		
Further documents are listed in the continuation of Box C. See patent family annex.			
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Date of the actual completion of the international search		Date of mailing of the international search report 1 6 JUL 2008	
12 June 2008 (12.06.2008) Name and mailing address of the ISA/US		Authorized officer	-
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Brian J. Broadhead .J.	
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. 571-272-3600	
	. (571) 273-3201		

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