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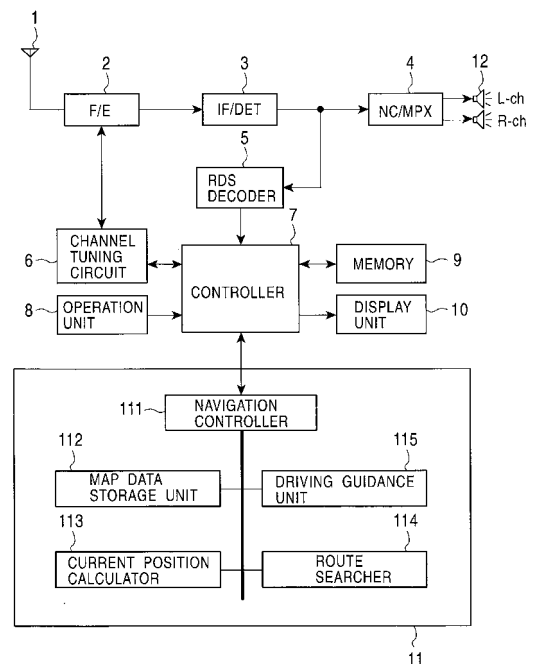
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(54) **Traffic information receiver and traffic information reception method**

(57) When a vehicle is moving from country A to country B, a navigation system (11) predicts that the vehicle is entering country B based on a route and a current position. Until it is predicted that the vehicle is moving to country B, a controller (7) controls a channel tuning circuit (6) to receive traffic information concerning country A from a corresponding broadcasting station. If the navigation system (11) predicts that the vehicle is moving to country B when it has reached a point (301) in country A, the controller (7) controls the channel tuning circuit (6) to start receiving traffic information concerning country B from a corresponding broadcasting station.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 1 139 065 A (MANNESMANN VDO AG [DE] SIEMENS AG [DE]) 4 October 2001 (2001-10-04) * column 4, lines 18-34 * * column 5, lines 33-40 * * column 5, line 52 - column 6, line 1 * * column 6, lines 18-39 * -----	1,4-8	INV. H04H1/00 G08G1/09
X	EP 1 148 641 A (GRUNDIG AG [DE] GRUNDIG CAR INTERMEDIA SYSTEM [DE]) 24 October 2001 (2001-10-24) * column 3, lines 17-37 * * column 6, line 39 - column 7, line 23 * -----	1,4,5,7, 8	
X	DE 44 42 413 A1 (BOSCH GMBH ROBERT [DE]) 30 May 1996 (1996-05-30) * column 3, lines 28-34 * * column 4, lines 2-65 * -----	1,4,5,7, 8	
			TECHNICAL FIELDS SEARCHED (IPC)
			H04H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 March 2009	Examiner Pantelakis, P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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27-03-2009

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1139065	A	04-10-2001	DE	10015765 A1	04-10-2001

EP 1148641	A	24-10-2001	DE	10019681 A1	25-10-2001

DE 4442413	A1	30-05-1996	WO	9617450 A1	06-06-1996
			EP	0753223 A1	15-01-1997
			JP	3683275 B2	17-08-2005
			JP	9509299 T	16-09-1997

EPC FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82