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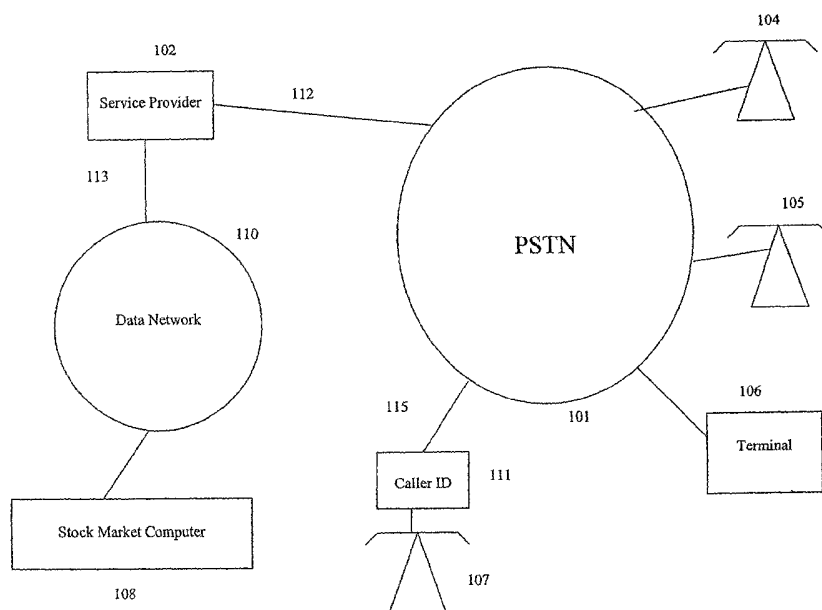
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(54) Title: IMPROVED CALLER IDENTIFICATION



(57) Abstract: A caller identification system allows a user to specify certain conditions (e.g. stock prices) in which he is interested. Upon occurrence of the condition, a telephone announcement is automatically made to the user, informing the user of such condition, preferably without the telephone even ringing. The caller ID unit recognizes the incoming call as one from a service provider supplying the desired information, and automatically takes the phone off hook to allow the announcement.



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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M3/487 H04M1/57 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04M G06F

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 practical, search terms used)
EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 554 418 A (TOY FRANK C) 19 November 1985 (1985-11-19)	1
Y	abstract column 2, line 44 - line 65 column 3, line 22 -column 4, line 44; figure 1	3-17
X	US 4 942 616 A (LINSTROTH THOMAS ET AL) 17 July 1990 (1990-07-17)	1
Y	abstract column 2, line 10 - line 17 column 6, line 14 -column 7, line 38; figure 3	3-17
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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<p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p>	<p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>* & * document member of the same patent family</p>
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Date of the actual completion of the international search 23 September 2002	Date of mailing of the international search report 30/09/2002
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Domínguez, I
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International Application No

PCT/US 01/44044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 38 576 A (EIKENROTH RALF ;HESS ULI (DE); WEINREICH WERNER (DE)) 16 March 2000 (2000-03-16)	1
Y	abstract column 4, line 13 - line 29 column 4, line 41 - line 67	3-17
Y	US 5 517 557 A (TANAKA SEIJI) 14 May 1996 (1996-05-14) cited in the application abstract column 3, line 3 -column 4, line 46 column 5, line 39 -column 6, line 59	3-17
A	US 5 912 950 A (BUBB HOWARD) 15 June 1999 (1999-06-15) abstract column 2, line 37 - line 40 column 3, line 23 - line 38	2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US 01/44044

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 4942616	A	17-07-1990	NONE
DE 19938576	A	16-03-2000	DE 19938576 A1 16-03-2000 AU 7641700 A 13-03-2001 WO 0113196 A2 22-02-2001
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