



United States Patent [19]
Migliaccio et al.

[11] **Patent Number:** **6,161,002**
[45] **Date of Patent:** **Dec. 12, 2000**

- [54] **APPARATUS AND METHOD FOR THE RECEPTION OF RADIO SIGNALS TRANSMITTED BY RDS SYSTEM**
- [76] Inventors: **Riccardo Migliaccio**, Viale dei Colli Portuensi 579; **Francesco Paviato**, Via Adolfo Gandiglio 84, both of 00151 Rome, Italy
- [21] Appl. No.: **09/182,661**
- [22] Filed: **Oct. 30, 1998**
- [30] **Foreign Application Priority Data**
Nov. 18, 1997 [IT] Italy RM97A0712
- [51] **Int. Cl.⁷** **H04B 1/16**
- [52] **U.S. Cl.** **455/150.1**; 455/45; 455/151.1; 455/151.2; 455/158.4; 455/186.1
- [58] **Field of Search** 455/45, 186.1, 455/150.1, 151.1, 151.2, 158.4
- [56] **References Cited**

5,428,825	6/1995	Tomohiro et al.	455/186.1
5,457,816	10/1995	Koyama	455/161.2
5,471,662	11/1995	Shiota	455/166.1
5,749,048	5/1998	Masuda	455/186.1
5,812,937	9/1998	Takahisa et al.	455/66

Primary Examiner—Dwayne D. Bost
Assistant Examiner—Temica M. Davis
Attorney, Agent, or Firm—Browdy and Neimark

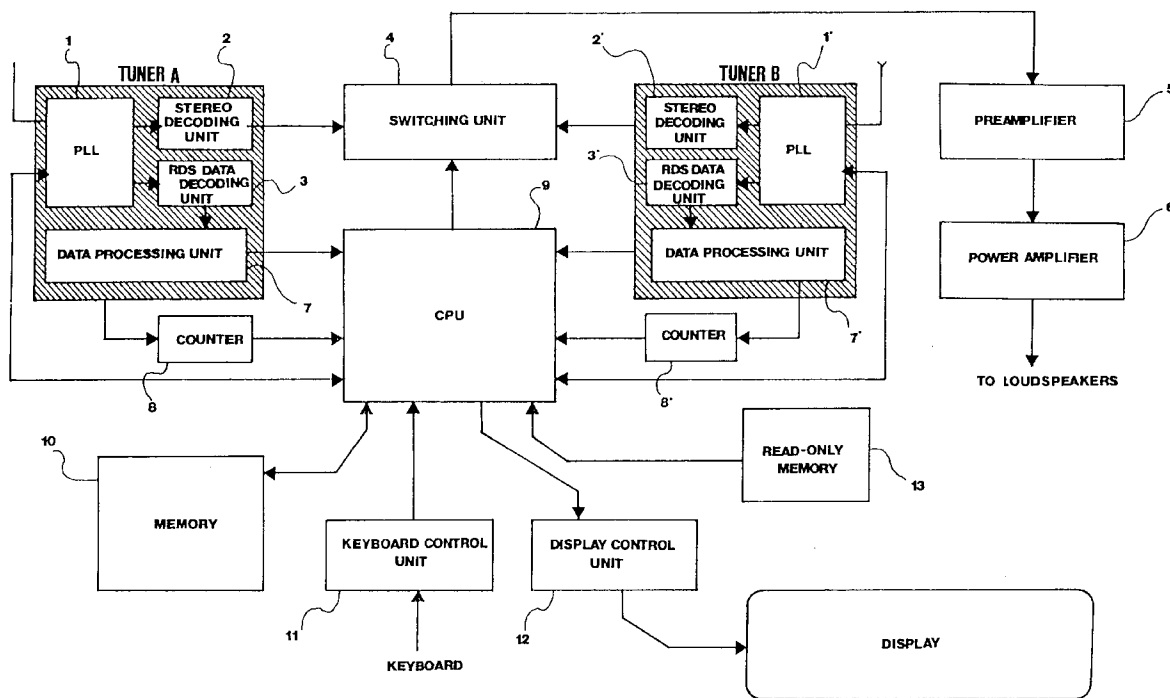
[57] **ABSTRACT**

An apparatus and a method for the reception of radio signals transmitted by an RDS system provide the selection and reception of a first frequency; the selection, during the reception of the first frequency, of a second frequency, different from the first frequency and not included in the AF list of frequencies alternative to the first frequency; and the switching of the reception between the first and second frequency upon comparison of RDS data relative to the second frequency with previously stored RDS data.

U.S. PATENT DOCUMENTS

5,345,602	9/1994	Wiedemann et al.	455/137
-----------	--------	-----------------------	---------

16 Claims, 4 Drawing Sheets



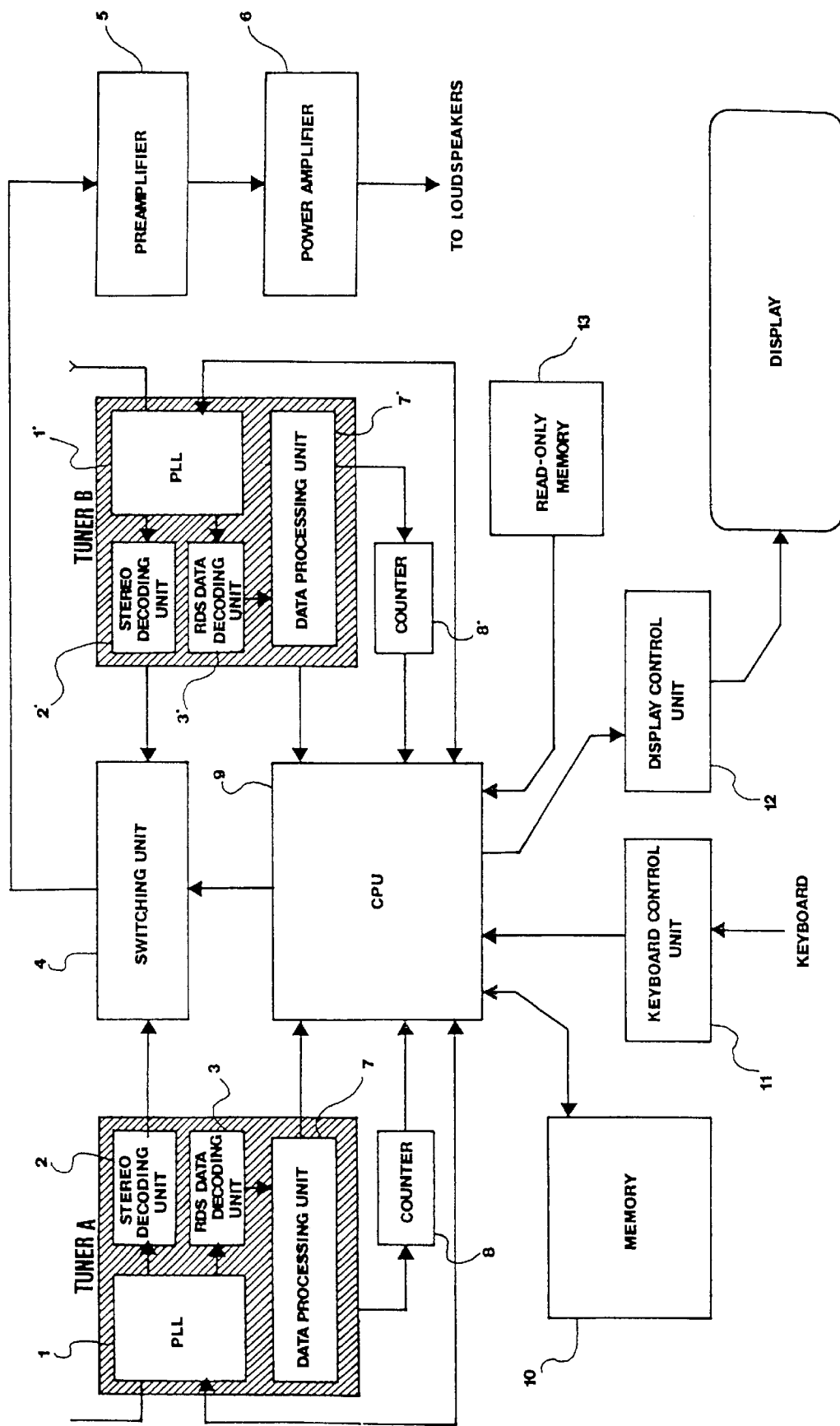
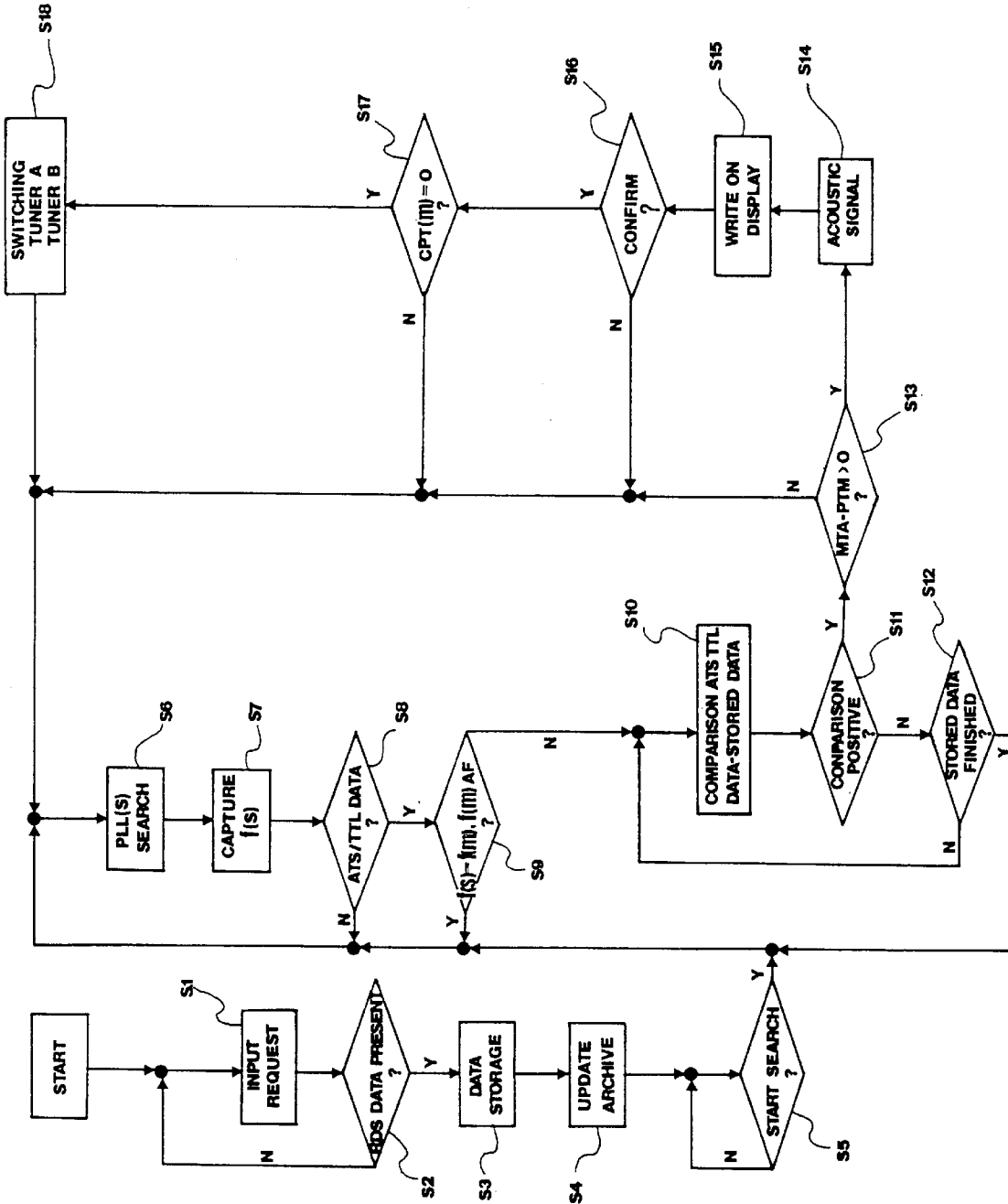


FIG. 1

FIG. 2



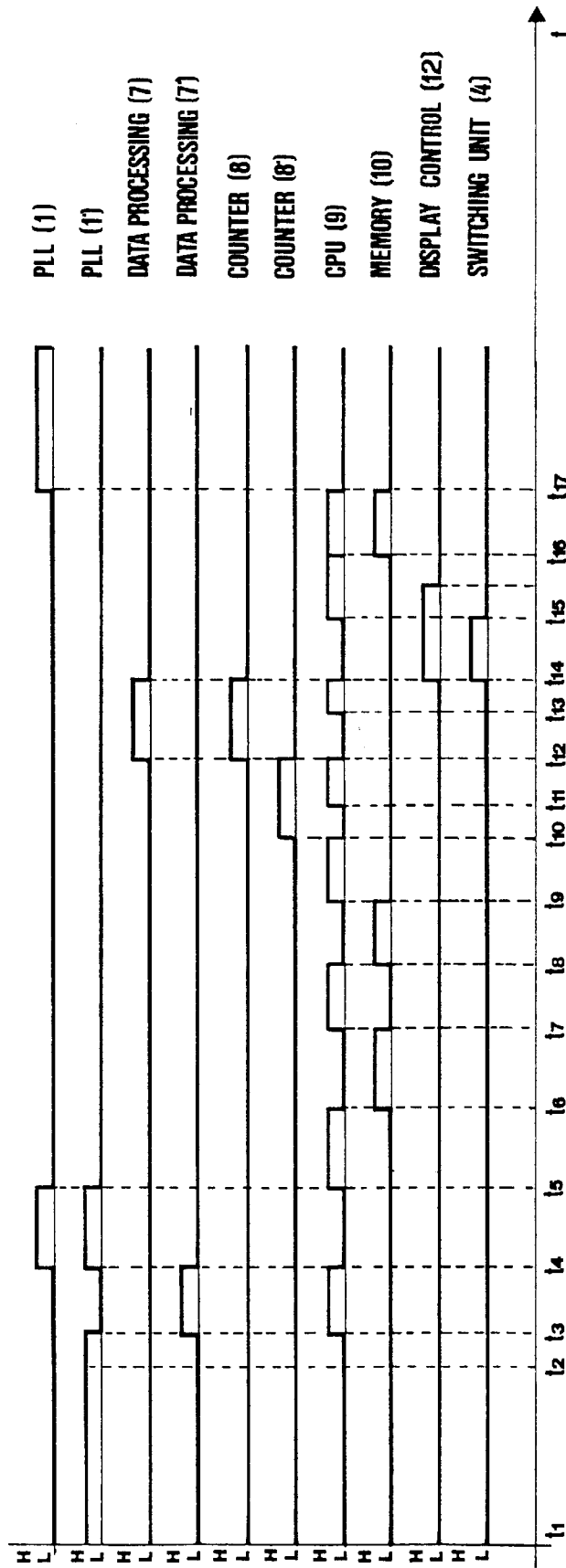


FIG. 3

SWITCHING WITH MANUAL ACCEPTING MODE

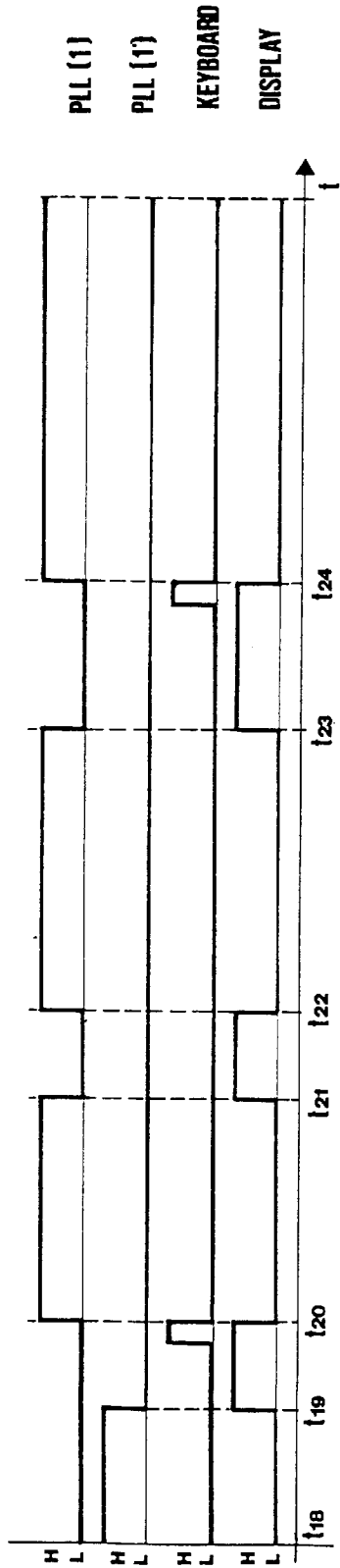


FIG. 4

SWITCHING WITH AUTO - ACCEPTING MODE

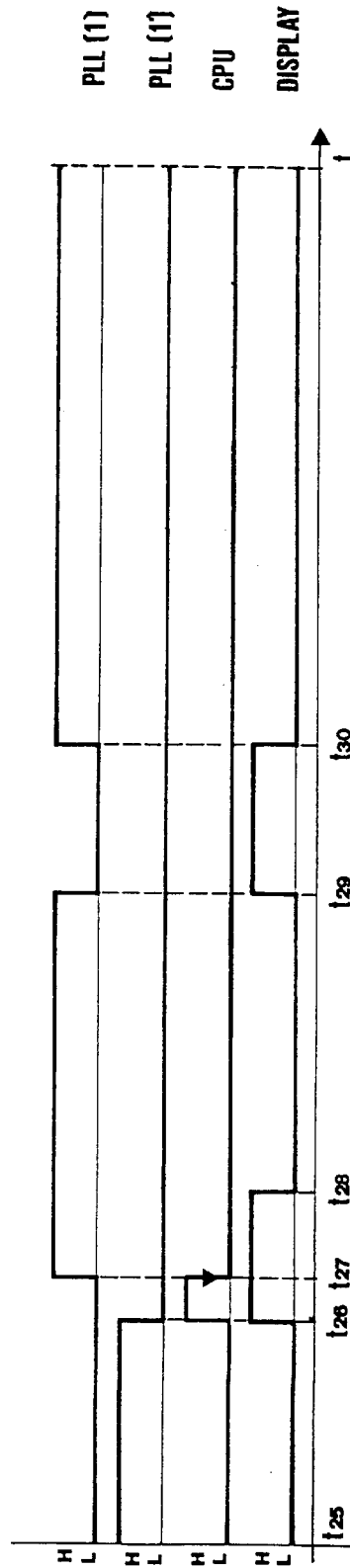


FIG. 5

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.