9703083-7

**PCT** WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

| | | |
|---|---|---|
| (51) International Patent Classification 6 : H04H 1/00 | A1 | (11) International Publication Number: WO 97/13339 |
| | | (43) International Publication Date: 10 April 1997 (10.04.97) |

(21) International Application Number: PCT/IB96/00994

(22) International Filing Date: 25 September 1996 (25.09.96)

(30) Priority Data:
95202664.9 4 October 1995 (04.10.95) EP
*(34) Countries for which the regional or international application was filed:* NL et al.

(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant *(for SE only)*: PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).

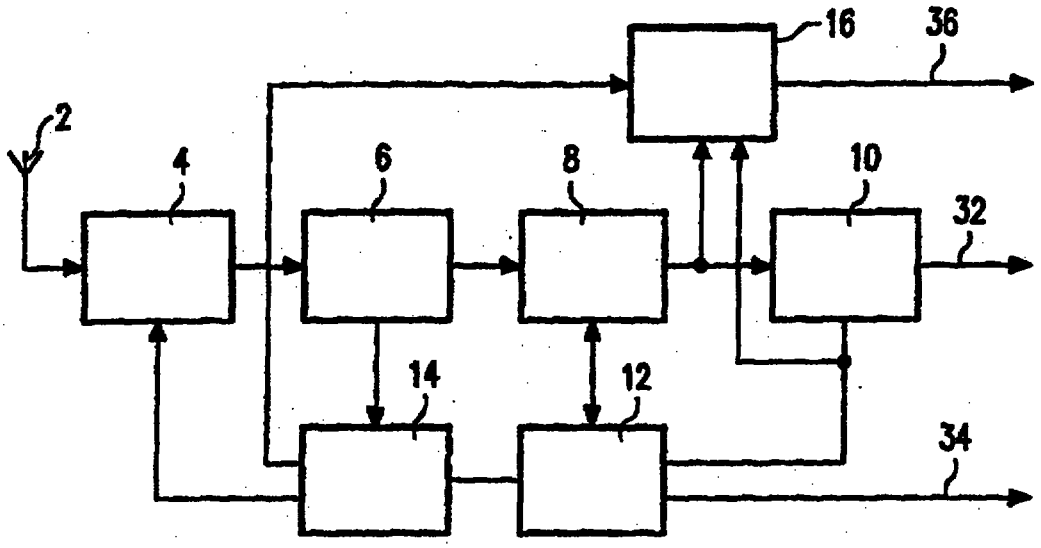
(72) Inventor: SPIERO, Richard, Cees; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: SCHOONHEIJM, Harry, B.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) Designated States: CA, CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

**Published**
*With international search report.*
*Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.*

(54) Title: DAB RECEIVER, APPARATUS AND METHOD FOR A FORMAT CONVERSION OF A DAB DATA SEQUENCE




(57) Abstract

A DAB receiver, an apparatus and a method are introduced for converting a first sequence of data having a fixed frame structure, wherein locations within the frame are reserved for predetermined data types, into a second sequence of data, having a different frame structure. The data belonging to the respective data types are grouped in separate sequences with a frame type identifier attached to the sequences for identifying the different sequences. This allows an easy identification of the different sequences of data within the second sequence without the need of prior knowledge of the exact location of the sequences within the second sequence. An example of such a conversion is the conversion of the channel decoder output of a DAB receiver into a format suitable for embedding in the IEC958 format.