Title (en)

Circuit for decoding auxiliary data in a broadcast signal

Title (de)

Schaltung zur Dekodierung einer Zusatzinformation in einer Rundfunkübertragung

Title (fr)

Circuit pour décoder des informations supplémentaires dans une transmission de radiodiffusion

Publication

EP 0793361 A1 19970903 (DE)

Application

EP 96102902 A 19960227

Priority

EP 96102902 A 19960227

Abstract (en)

The circuit has a filter device (34) to separate a signal area in the mixed signal, which contains an additional or auxiliary information in encoded form. An adaptive decoder (40) decodes the additional information from the separated signal area. taking into account a signal quality value. A further device (50) determines the signal quality value from the respective reception conditions of the signal mixture. To determine the signal quality value, those signal areas which have no signal content, with a standard signal mixture, are used. To determine the signal quality value a noise or extraneous signal value, in a signal free range, may be determined. Using the signal quality value, at least one characteristic value or threshold may be modified.

Abstract (de)

Schaltung zur Dekodierung einer Zusatzinformation (fz) in einem Signalgemisch (sf) mit einer Filtereinrichtung (34; 300) zur Separation eines Signalbereiches (fb) im Signalgemisch (sf), das in kodierter Form die Zusatzinformation (fz) enthält. Eine adaptive Dekodiereinrichtung (40; 400) ist bei der Dekodierung von einem Signalgütekennwert (kg) abhängig, der in einer Einrichtung (50; 500) aus dem jeweiligen Empfangszustand des Signalgemisches (sf) bestimmt wird. <IMAGE>

IPC 1-7

H04H 1/00

IPC 8 full level

H04H 40/18 (2008.01); H04H 20/34 (2008.01)

CPC (source: EP US)

H04H 40/18 (2013.01 - EP US); H04H 20/34 (2013.01 - EP US)

Citation (search report)

- [A] EP 0374996 A1 19900627 - PHILIPS NV [NL]
- [A] FR 2716056 A1 19950811 - AZTEC ASSISTANCE TECHNOLOGIQUE [FR]
- [A] WO 8503824 A1 19850829 - MA JOHN YOH HAN
- [A] EP 0653857 A1 19950517 - NOKIA MOBILE PHONES LTD [FI]

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0793361 A1 19970903; **EP 0793361 B1 20070711**; DE 59611437 D1 20070823; US 5978037 A 19991102

DOCDB simple family (application)

EP 96102902 A 19960227; DE 59611437 T 19960227; US 80576797 A 19970225