

Title (en)

Receiver for the reception of digital broadcasts

Title (de)

Empfänger für den Empfang von digitalen Rundfunkprogrammen

Title (fr)

Récepteur pour la réception de programmes de radiodiffusion numérique

Publication

**EP 0944194 A3 20030910 (EN)**

Application

**EP 99105273 A 19990315**

Priority

JP 9082398 A 19980318

Abstract (en)

[origin: EP0944194A2] A digital broadcast receiver is provided which can reliably perform a seek operation for an ensemble. When a NULL symbol is detected by a NULL detector 20 while a front end 2 sequentially tunes in frequencies of a plurality of ensembles, a system controller 37A checks whether the NULL detector 20 detects a transmission mode permitted for the band of the ensemble to be presently sought. If detected, the seek operation is terminated, and the automatic frequency adjusting system including a frequency error detector 33A, integrator 34, D/A converter 35, reference oscillator 13, and PLL circuits 7, 12, 17 adjusts a frequency. If the NULL detector 20 does not detect a transmission mode permitted for the band of the ensemble to be presently sought, the seek operation continues. <IMAGE>

IPC 1-7

**H04H 1/00**; H04B 1/10

IPC 8 full level

**H04J 11/00** (2006.01); **H04H 40/18** (2008.01)

CPC (source: EP)

**H04H 40/18** (2013.01); **H04H 2201/20** (2013.01)

Citation (search report)

- [X] EP 0786889 A1 19970730 - THOMSON BRANDT GMBH [DE]
- [A] DE 4403408 C1 19950223 - GRUNDIG EMV [DE]
- [X] ROMANOWSKI A ET AL: "Concept of a multistandard receiver for digital broadcast and communication services", 1997 INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS, ROSEMONT, IL, USA, 11-13 JUNE 1997, IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, AUG. 1997, IEEE, USA, PAGE(S) 662 - 670, ISSN: 0098-3063, XP010250064
- [A] A. JONGEPIER: "Eureka 147 DAB : Receiver and test system developments", 14 March 1994, INTERNATIONAL SYMPOSIUM ON DIGITAL AUDIO BROADCASTING, XX, XX, VOL. II, PAGES 250-260, TORONTO, CANADA, XP002247002

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0944194 A2 19990922**; **EP 0944194 A3 20030910**; CA 2265259 A1 19990918; CA 2265259 C 20060606; DE 944194 T1 20000217; JP 3514624 B2 20040331; JP H11275045 A 19991008

DOCDB simple family (application)

**EP 99105273 A 19990315**; CA 2265259 A 19990312; DE 99105273 T 19990315; JP 9082398 A 19980318