

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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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)

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