

Title (en)  
DIGITAL RADIO FREQUENCY RECEIVER.

Title (de)  
DIGITALER FUNKEMPFÄNGER.

Title (fr)  
RECEPTEUR DE FREQUENCE RADIO NUMERIQUE.

Publication  
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Application  
**EP 86905578 A 19860825**

Priority  
US 77173685 A 19850903

Abstract (en)  
[origin: WO8701531A1] The digital receiver (100) contemplates a digital radio receiver which operates on a received analog signal which has been converted to a digital form after preselection at the output of the antenna. The digital receiver (100) of the present invention comprises a preselector (106), a high-speed analog-to-digital (A/D) converter (108), a digitally implemented intermediate-frequency (IF) selectively section (110) having an output signal at substantially baseband frequencies, and digital signalprocessor (DSP) circuit (120) performing demodulation and audio filtering. The radio architecture of the present invention is programmably adaptable to virtually every known modulation scheme and is particularly suitable for implementation on integrated circuits.

IPC 1-7  
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IPC 8 full level  
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**H03D 1/2245** (2013.01 - EP); **H03D 1/24** (2013.01 - KR); **H03D 3/007** (2013.01 - EP); **H03D 3/006** (2013.01 - EP); **H03D 2200/005** (2013.01 - EP); **H03D 2200/0052** (2013.01 - EP)

Citation (search report)

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**WO 8701531 A1 19870312**; AU 4009989 A 19891207; AU 4010089 A 19891207; AU 4010189 A 19891207; AU 591181 B2 19891130; AU 611317 B2 19910606; AU 611318 B2 19910606; AU 611584 B2 19910613; AU 6335586 A 19870324; CA 1304786 C 19920707; DK 184287 A 19870410; DK 184287 D0 19870410; EP 0235264 A1 19870909; EP 0235264 A4 19900226; FI 85076 B 19911115; FI 85076 C 19920225; FI 871897 A0 19870429; FI 871897 A 19870429; JP 2829605 B2 19981125; JP S63500766 A 19880317; KR 880700532 A 19880315; MY 103057 A 19930430

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