

Title (en)  
BROADBAND RECEIVER HAVING A MULTISTANDARD CHANNEL FILTER

Title (de)  
BREITBANDEMPFÄNGER MIT EINEM MEHRSTANDARDKANALFILTER

Title (fr)  
RECEPTEUR DE BANDE LARGE PRESENTANT UN FILTRE DE CANAUX MULTINORME

Publication  
**EP 1706994 A1 20061004 (EN)**

Application  
**EP 04703714 A 20040120**

Priority  
US 2004001615 W 20040120

Abstract (en)  
[origin: WO2005081519A1] A television (TV) receiver includes a multi-standard channel filter (58) with a programmable intermediate frequency adapted to receive television signals in a variety of television standards and formats. In one embodiment, a receiver includes a tuner (54) and a channel filter. The tuner receives input RF signals encoding information in one of a number of formats and converts the input RF signals to intermediate signals having an intermediate frequency (IF). The intermediate signals are coupled to the channel filter. The channel filter includes an anti-aliasing filter (60) for filtering the intermediate signals, an analog-to-digital converter for (62) sampling the filtered intermediate signals and generating a digital representation thereof, and a signal processor (64) for processing the digital representation of the intermediate signals in accordance with the format of the input RF signal. The signal processor generates digital output signals indicative of information encoded in the input RF signal.

IPC 8 full level  
**H04N 5/46** (2006.01); **H04N 5/44** (2011.01)

CPC (source: EP)  
**H04N 5/46** (2013.01); **H04N 21/426** (2013.01); **H04N 21/42638** (2013.01); **H04N 21/4382** (2013.01)

Citation (search report)  
See references of WO 2005081519A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 2005081519 A1 20050901**; CN 1969543 A 20070523; EP 1706994 A1 20061004; JP 2007519365 A 20070712

DOCDB simple family (application)  
**US 2004001615 W 20040120**; CN 200480040737 A 20040120; EP 04703714 A 20040120; JP 2006551014 A 20040120