

Title (en)  
RADIO RECEIVING DEVICE

Title (de)  
RUNDFUNKEMPFANGSGERÄT

Title (fr)  
APPAREIL DE RECEPTION RADIO

Publication  
**EP 1913750 A1 20080423 (DE)**

Application  
**EP 06792541 A 20060721**

Priority  
• EP 2006064493 W 20060721  
• DE 102005036446 A 20050803

Abstract (en)  
[origin: WO2007014869A1] The invention relates to a radio-receiving device (1) provided with a receiving part (2) which comprises a mixer oscillator (VCO), whose oscillation frequency is coupled to the frequency and/or phase of a reference oscillator (20) and which is used for converting a radio reception signal (HF) on an intermediate frequency, and a signal processing part (3) which is placed downstream for processing the intermediate frequency signal (ZF) and comprises means (16, 16a, 16b) for determining a frequency deviation between the reference frequency (RF) of the reference oscillator (20) and a reference frequency defined according to the intermediate frequency signal (ZF) or a signal derived therefrom. In the receiving part (2), the parameters are adapted in such a way that it makes it possible to directly or indirectly control the oscillation frequency according to the determined frequency deviation (?).

IPC 8 full level  
**H04L 27/26** (2006.01); **H04B 1/16** (2006.01); **H04H 20/00** (2008.01)

CPC (source: EP)  
**H04B 1/16** (2013.01); **H04L 27/2657** (2013.01); **H04L 2027/0028** (2013.01); **H04L 2027/0053** (2013.01)

Citation (search report)  
See references of WO 2007014869A1

Citation (examination)  
• US 6066989 A 20000523 - KNECHT THOMAS A [US], et al  
• FR 2770946 A1 19990514 - MOTOROLA SEMICONDUCTEURS [FR]

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 102005036446 A1 20070208**; EP 1913750 A1 20080423; WO 2007014869 A1 20070208

DOCDB simple family (application)  
**DE 102005036446 A 20050803**; EP 06792541 A 20060721; EP 2006064493 W 20060721