

Title (en)

METHOD FOR CARRYING OUT A TROUBLE-FREE CHANGE IN FREQUENCY IN A RECEIVING SYSTEM HAVING A NUMBER OF RECEIVERS OPERATED IN PARALLEL

Title (de)

VERFAHREN ZUM STÖRUNGSFREIEN FREQUENZWECHSEL IN EINEM EMPFANGSSYSTEM MIT MEHREREN PARALLEL BETRIEBENEN EMPFÄNGERN

Title (fr)

PROCEDE DE CHANGEMENT DE FREQUENCE SANS ENTRAVE DANS UN SYSTEME DE RECEPTION COMPRENANT PLUSIEURS RECEPTEURS EXPLOITES EN PARALLELE

Publication

**EP 1867074 A1 20071219 (DE)**

Application

**EP 06723953 A 20060401**

Priority

- EP 2006002994 W 20060401
- DE 102005017005 A 20050407

Abstract (en)

[origin: WO2006105916A1] The invention relates to a method for changing a frequency of a first local oscillator (60) in a receiving system (10), which has a first receiver (12) with a first local oscillator (60) and with a first frequency setting element (66), and a second receiver (14) with a second local oscillator (62) and with a second frequency setting element. The method is characterized in that, during a change in a frequency of the first local oscillator (60) from an actual frequency of the first local oscillator (60) to a target frequency, during which an actual frequency of the second local oscillator (62) is located between the actual frequency of the first local oscillator (60) and the target frequency, the following steps are carried out: switching off the first local oscillator (60); controlling the first frequency setting element (66) so that the first frequency setting element provides a first base value of a frequency setting quantity, said base value being assigned to the target frequency; switching on the first local oscillator (60), and; setting the frequency of the first local oscillator (60) to the target frequency. The invention also relates to a receiving system (10).

IPC 8 full level

**H04B 15/06** (2006.01); **H03J 1/00** (2006.01)

CPC (source: EP US)

**H03J 1/0083** (2013.01 - EP US); **H04B 15/06** (2013.01 - EP US); **H04B 2215/066** (2013.01 - EP US)

Citation (search report)

See references of WO 2006105916A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**WO 2006105916 A1 20061012**; CN 101156339 A 20080402; EP 1867074 A1 20071219; US 2008090542 A1 20080417

DOCDB simple family (application)

**EP 2006002994 W 20060401**; CN 200680011435 A 20060401; EP 06723953 A 20060401; US 86974307 A 20071009