

Title (en)

ANTENNA DIVERSITY RECEIVING SYSTEM

Title (de)

ANTENNENDIVERSITÄTS-EMPFANGSSYSTEM

Title (fr)

SYSTEME DE RECEPTION A DIVERSITE D'ANTENNE

Publication

EP 1428329 A1 20040616 (EN)

Application

EP 01980420 A 20010920

Priority

EP 0110915 W 20010920

Abstract (en)

[origin: WO03028247A1] An improved antenna diversity receiving system comprising an antenna device including a plurality of FM antennas (5), as well as controllable switching means (33) for sequentially switching through one of said plurality of FM antennas (5) via an antenna cable (9) to a radio set (3) comprising a multipath detector (15) coupled to a pulse generator (19) for generating a pulse signal at the detection multipath detector of multipath interference, a pulse signal to the pulse generator into a pulse signal comprises the additional features: there is a pilot signal generator (45); the pilot signal generator (45) provides a signal depending on AM/FM switching, there is an additional pilot signal detection and control (41) controlled directly or indirectly by the pilot signal generator (45) via the cable (9); and via the pilot signal detection and control (41) the AM branch in the antenna diversity box will be activated or inactivated or an AM antenna signal will be amplified and/or switched off.

IPC 1-7

H04B 7/08

IPC 8 full level

H04B 7/08 (2006.01)

CPC (source: EP)

H04B 7/0808 (2013.01); **H04B 7/0814** (2013.01)

Citation (search report)

See references of WO 03028247A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03028247 A1 20030403; EP 1428329 A1 20040616

DOCDB simple family (application)

EP 0110915 W 20010920; EP 01980420 A 20010920