

Title (en)

METHOD FOR EMITTING AND RECEIVING A RADIOFREQUENCY SIGNAL IN A SATELLITE TRANSMISSION SYSTEM, CORRESPONDING EMITTER, CHARACTERISATION RECEIVER AND COMPUTER PROGRAM

Title (de)

VERFAHREN ZUM AUSSENDEN UND EMPFANGEN EINES HOCHFREQUENZSIGNALS IN EINEM SATELLITENÜBERTRAGUNGSSYSTEM, ENTSPRECHENDER SENDER, CHARAKTERISIERUNGSEMPFÄNGER UND COMPUTERPROGRAMM

Title (fr)

PROCÉDÉS D'ÉMISSION ET DE RÉCEPTION D'UN SIGNAL RADIOFRÉQUENCE DANS UN SYSTÈME DE TRANSMISSION PAR SATELLITE, ÉMETTEUR, RÉCEPTEUR DE CARACTÉRISATION ET PROGRAMME D'ORDINATEUR CORRESPONDANTS

Publication

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Application

**EP 19701373 A 20190129**

Priority

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Abstract (en)

[origin: WO2019166168A1] The invention concerns a method for receiving a radiofrequency signal, in a system comprising an emitter, a satellite and at least one characterisation receiver, implementing a characterisation phase of the satellite, comprising: transmitting (31) to said emitter, over a first transmission link, at least one emission command of at least one reference signal; receiving (34) said at least one reference signal, emitted by said emitter over a second transmission link via said satellite, termed the received signal; estimating (35) at least one distortion generated by the satellite, from said at least one reference signal; delivering at least one piece of information on compensation of the distortions affecting the received signal; and transmitting (36) to said emitter, over said first transmission link, said at least one piece of distortion compensation information.

IPC 8 full level

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