

Title (en)
RADIOFREQUENCY TRANSMISSION SYSTEM

Title (de)
FUNKFREQUENZENÜBERTRAGUNGSSYSTEM

Title (fr)
SYSTEME D'EMISSION RADIOFREQUENCE

Publication
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Application
EP 09704910 A 20090114

Priority
• FR 2009050050 W 20090114
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Abstract (en)
[origin: WO2009092963A1] The invention relates to a radiofrequency transmission system that comprises: a means (18) for producing at least one digital signal quantified on N bits; for each of said at least one digital signal, digital processing means (20, 22) including: sigma-delta filters (42, 44) capable of producing, on the basis of a digital input signal quantified on N bits, a digital output signal quantified on M bits, where M is lower than N; downstream from the sigma-delta filters (42, 44), a means (46) for repetition over-sampling; and downstream from the means (46) for repetition over-sampling, a convolution means (48); digital-analog conversion means (50, 52) capable of converting a digital output signal into an analog signal; and an analog filtration means (14) capable of filtering said analog signal so as to select a narrow frequency band including the second frequency.

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