

Title (en)  
METHOD FOR PRODUCING A TRANSMISSION SIGNAL

Title (de)  
VERFAHREN ZUM ERZEUGEN EINES SENDESIGNALS

Title (fr)  
PROCEDE POUR GENERER UN SIGNAL D'EMISSION

Publication  
**EP 1504525 A2 20050209 (DE)**

Application  
**EP 03737892 A 20030514**

Priority  
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Abstract (en)  
[origin: WO03096548A2] Disclosed is a method for producing a transmission signal, wherein an input signal (vd(t)), which is to be amplified, is fed to a power amplifier (PA) which outputs said signal in an amplified form (va(t)). A reproduction thereof is made and allocates a specific pre-distortion input signal (vd(t)) value to a specific input signal (vd(t))value. A corresponding pre-distortion value is then determined for the input signal (vd(t)) and the corresponding pre-distortion value is applied to the input signal (vd(t)) in order to feed said pre-distorted input signal to the power amplifier (PA). Subsequently, the crest factor (CF) is calculated from the output signal (va(t)) of the power (PA) and the reproduction or the value thereof if the determined crest factor departs from a predetermined range of values.

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IPC 8 full level  
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CPC (source: EP KR US)  
**H03F 1/32** (2013.01 - KR); **H03F 1/3247** (2013.01 - EP US); **H04B 1/62** (2013.01 - KR)

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