

Title (en)

APPARATUS AND METHOD FOR PRODUCING A SIGNAL TO REDUCE THE PAR IN A MULTICARRIER SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN EINES SIGNALS UM DAS PAR IN EINEM MEHRTRÄGERSYSTEM ZU REDUZIEREN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMATION D'UN SIGNAL DE RÉDUCTION DU PAR DANS UN SYSTÈME MULTI PORTEUSE

Publication

EP 2100421 A1 20090916 (DE)

Application

EP 07821800 A 20071024

Priority

- EP 2007061437 W 20071024
- EP 06023834 A 20061116
- EP 07821800 A 20071024

Abstract (en)

[origin: EP1924044A1] The apparatus (400) has a limiter for producing a limited signal (S) from a signal having a set of subcarriers. A coefficient ascertainment unit (404) determines coefficients (C_k) for unused subcarriers of the signal from the limited signal. A signal generator (406) generates a reduction signal (X_n) from the coefficients, where the reduction signal is combined with the signal to form a reduced signal. The coefficient ascertainment unit projects the limited signal onto a base formula. An independent claim is also included for a method for producing a reduction signal.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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