

Title (en)

BLIND TECHNIQUE FOR WEIGHT SELECTION IN SIMULTANEOUS TRANSMIT AND RECEIVE STRUCTURE

Title (de)

BLINDVERFAHREN ZUR GEWICHTSAUSWAHL BEI EINER SIMULTANEN SENDE- UND EMPFANGSSTRUKTUR

Title (fr)

TECHNIQUE AVEUGLE POUR SÉLECTION DE POIDS DANS UNE STRUCTURE D'ÉMISSION ET DE RÉCEPTION SIMULTANÉES

Publication

**EP 3146646 A1 20170329 (EN)**

Application

**EP 14892294 A 20140523**

Priority

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Abstract (en)

[origin: WO2015178932A1] Embodiments of a wireless communication system and methods for cancelling echo signals in the system are generally described herein. Some of these embodiments include phase shifters to generate output signals, each having a phase shift relative to a transmitted signal, a attenuator unit to attenuate the output signal of each of the phase shifters based on weights to generate attenuated signals, each corresponding to the output signal of one of the phase shifters, a weight calculator to perform an operation for selecting values for the weights without using components associated with the transmitted signal as inputs for calculating the values for the weights, and at least one summer to sum the attenuated signals and a received signal containing an echo signal to generate an echo-canceled signal.

IPC 8 full level

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