

Title (en)

CHANNEL SOUNDING AND ESTIMATION STRATEGIES IN MIMO SYSTEMS

Title (de)

KANALMESSUNGS- UND SCHÄTZUNGSSTRATEGIEN IN MIMO-SYSTEMEN

Title (fr)

STRATÉGIES D'ESTIMATION ET DE SONDAGE DE CANAL DANS DES SYSTÈMES MIMO

Publication

EP 3008850 A1 20160420 (EN)

Application

EP 14738945 A 20140611

Priority

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- US 2014041976 W 20140611

Abstract (en)

[origin: WO2014201157A1] In a system having a first communication device with a first plurality of radio-frequency (RF) chains coupled to a first plurality of antennas and a second communication device with a second plurality of RF chains coupled to a second plurality of antennas, the second communication device receives consecutive training packets that were transmitted by the first communication device, the consecutive training packets having been produced at the first communication device by a power level rule to the first plurality of RF chains. The second communication device determines respective channel measurements corresponding to the consecutive training packets based on the power level rule, and selects a transmit parameter based on the respective channel measurements, the transmit parameter to be used by the first communication device when transmitting to the second communication device. The second communication device transmits an indication of the selected transmit parameter to the first communication device.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014201157A1

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