

Title (en)

METHOD FOR SELECTING ANTENNAS AND BEAMS IN MIMO WIRELESS LANS

Title (de)

VERFAHREN ZUM AUSWÄHLEN VON ANTENNEN UND STRAHLEN IN DRAHTLOSEN MIMO-LANS

Title (fr)

PROCEDE DE SELECTION D'ANTENNES ET DE FAISCEAUX DANS DES RESEAUX LOCAUX SANS FIL A ENTREES MULTIPLES SORTIES MULTIPLES

Publication

**EP 1929654 A4 20100623 (EN)**

Application

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- US 2005035012 W 20050930
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Abstract (en)

[origin: WO2007040564A1] A computer implemented method selects antennas in a multiple-input, multiple-output wireless local area network that includes multiple stations, and each station includes a set of antennas. Multiple consecutively transmitted sounding packets are received in a station. Each sounding packet corresponds to a different subset of the set of antennas. A channel matrix is estimated from the multiple consecutively transmitted sounding packets. A frame including a high throughput (HT) control field is sent to initiate a selecting of antennas, and a subset of antennas is selected according to the channel matrix.

IPC 8 full level

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Citation (search report)

- [XI] WO 2005034387 A2 20050414 - BROADCOM CORP [US], et al
- [XI] "Draft Amendment to IEEE Standard for Local and metropolitan area networks", INTERNET CITATION, 13 September 2005 (2005-09-13), XP002556945
- See references of WO 2007040564A1

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