

Title (en)
SYSTEMS AND METHODS FOR WIRELESS BACKHAUL IN DISTRIBUTED-INPUT DISTRIBUTED-OUTPUT WIRELESS SYSTEMS

Title (de)
SYSTEME UND VERFAHREN FÜR DRAHTLOS-BACKHAUL IN DRAHTLOSEN DIDO-SYSTEMEN

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR LIAISON TERRESTRE SANS FIL DANS DES SYSTÈMES SANS FIL À ENTRÉES DISTRIBUÉES ET À SORTIES DISTRIBUÉES

Publication
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Application
EP 13843203 A 20130924

Priority
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Abstract (en)
[origin: WO2014055294A1] Systems and methods are described for wireless backhaul in a multiple antenna system (MAS) with multi-user (MU) transmissions ("MU-MAS"). For example, a multiuser (MU) multiple antenna system (MAS) of one embodiment comprises: one or more centralized units communicatively coupled to multiple distributed transceiver stations via a network; the network consisting of wireline or wireless links or a combination of both, employed as a backhaul communication channel; the centralized unit transforming the N streams of information into M streams of bits, each stream of bits being a combination of some or all N streams of information; the M streams of bits being sent over the network to the distributed transceiver stations; the distributed transceiver stations simultaneously sending the streams of bits over wireless links to at least one client device such that at least one client device receives at least one of the original N streams of information.

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H04B 7/024 (2013.01); **H04B 7/0452** (2013.01); **H04B 7/0617** (2013.01); **Y02E 10/50** (2013.01)

Citation (search report)
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