

Title (en)
EVOLVED NODE-B AND USER EQUIPMENT AND METHODS FOR GROUP SOUNDING IN FULL-DIMENSION MULTIPLE-INPUT MULTIPLE-OUTPUT SYSTEMS

Title (de)
EVOLVED-NODE-B UND BENUTZERGERÄT UND VERFAHREN ZUR GRUPPENSONDIERUNG IN VOLLDIMENSIONIERTEN MIMO-SYSTEMEN

Title (fr)
N UD B ÉVOLUÉ ET ÉQUIPEMENT UTILISATEUR, ET PROCÉDÉS DE SONDAGE DE GROUPE DANS DES SYSTÈMES À ENTRÉES MULTIPLES ET SORTIES MULTIPLES DE PLEINE DIMENSION

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Application
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Abstract (en)
[origin: WO2016077975A1] An Evolved Node-B (eNB) configured to support group sounding at a multiple-input multiple-output (MIMO) antenna array. The eNB may include hardware processing circuitry configured to transmit, for reception at multiple User Equipments (UEs), a physical downlink control channel (PDCCH) data block that includes a masked group SRS request. The hardware processing circuitry configured to receive a group SRS that includes a sum of an SRS from each of the multiple UEs during a group SRS transmission period and in group SRS frequency resources. The hardware processing circuitry may include one or more transceivers configured to be coupled to a multiple-input multiple-output (MIMO) antenna array that includes a grid of multiple antenna elements and the reception of the SRS from each of the multiple UEs may be performed at the MIMO antenna array.

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