

Title (en)
METHOD AND APPARATUS FOR DETERMINING PARAMETERS AND CONDITIONS FOR LINE OF SIGHT MIMO COMMUNICATION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG VON PARAMETERN UND BEDINGUNGEN ZUR SICHTLINIEN-MIMO-KOMMUNIKATION

Title (fr)
PROCÉDÉ ET APPAREIL DE DÉTERMINATION DE PARAMÈTRES ET DE CONDITIONS POUR UNE COMMUNICATION MIMO EN LIGNE DE VISÉE

Publication
EP 3513501 A1 20190724 (EN)

Application
EP 17811784 A 20171118

Priority

- US 201615363324 A 20161129
- US 201615363346 A 20161129
- US 201615363366 A 20161129
- US 2017062440 W 20171118

Abstract (en)
[origin: WO2018102163A1] A method and apparatus determine parameters and conditions for line of sight MIMO communication. A transmitter can transmit (510) reference symbols from a regularly spaced subset of a set of transmitting device antenna elements of the transmitter with elements spanning one or more spatial dimensions. The transmitter can signal (520) transmit antenna element spacings in each dimension that can be used by the transmitter for data transmission.

IPC 8 full level
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WO 2018102163 A1 20180607; CN 109845123 A 20190604; CN 109845123 B 20220708; CN 110098854 A 20190806; CN 110098854 B 20220712; CN 110212952 A 20190906; CN 110212952 B 20211203; EP 3513501 A1 20190724; EP 3664307 A1 20200610; EP 3664307 B1 20240731; EP 3664307 C0 20240731; EP 3664312 A2 20200610; EP 3664312 A3 20200909

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US 2017062440 W 20171118; CN 201780065189 A 20171118; CN 201910410382 A 20171118; CN 201910410788 A 20171118; EP 17811784 A 20171118; EP 19220298 A 20171118; EP 19220300 A 20171118