

Title (en)

METHOD FOR OPERATING A PHASE-CONTROLLED GROUP ANTENNA AND A PHASE SHIFTER ASSEMBLY AND AN ASSOCIATED PHASE-CONTROLLED GROUP ANTENNA

Title (de)

VERFAHREN ZUM BETRIEB EINER PHASENGESTEUERTEN GRUPPENANTENNE SOWIE EINER PHASENSCHIEBER-BAUGRUPPE UND EINE ZUGEHÖRIGE PHASENGESTEUERTE GRUPPENANTENNE

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UNE ANTENNE RÉSEAU À COMMANDE DE PHASE ET UN MODULE DÉPHASEUR, ET ANTENNE RÉSEAU À COMMANDE DE PHASE ASSOCIÉE

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Application

EP 10716474 A 20100408

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Abstract (en)

[origin: WO2010124787A1] The invention relates to an improved method for operating a phase-controlled group antenna as well as an associated phase shifter assembly and a phase-controlled group antenna, characterized by, inter alia, the following features,: the phase shifter assembly is designed such that at least one of the following two conditions is met: $R_N : R_1 = n + k$ and/or $Ph_N : Ph_1 = n + k$, where R_N is the largest radius, and R_1 is the smallest radius of a conductor segment (11) relative to the phase shifter assembly (7), where k is a value of 0.2 and particularly 0.25, 0.30, or preferably 0.40.

IPC 8 full level

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Citation (search report)

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