

Title (en)

Method for the automatic selection of one beam among those formed by a multibeam antenna, in particular for radiomobile systems

Title (de)

Verfahren für die automatische Auswahl eines Strahles zwischen die von einer Mehrstrahlantenne, insbesondere für Mobilfunksysteme

Title (fr)

Méthode pour la sélection automatique d'un faisceau parmi ceux d'une antenne multifaisceau, en particulier pour systèmes radio mobiles

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Application

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Priority

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Abstract (en)

The invention relates to a method for the automatic selection of a beam among those set up by a multibeam antenna, in particular for radiomobile systems comprising an equipment for the reception of radio frequency signals provided with an array (10) of radiant and/or receiving elements, a beam former (5) connected downstream of the array and a device for the selection (9) of the best beam linked to the beam former (5). The selection of the best beam is carried out by the selection device (9) choosing the beam presenting the minimum value of an estimation of the decoding error probability of the received signals (Fig. 1). <IMAGE>

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Cited by

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