

Title (en)

METHOD OF HELPING TO STEER AN ANTENNA, POWER-ASSISTED STEERING ANTENNA USING THIS METHOD AND MOBILE TERMINAL COMPRISING SUCH AN ANTENNA

Title (de)

VERFAHREN ZUM HELFEN BEIM STEuern EINER ANTENNE, DIESES VERFAHREN VERWENDENDE SERVOSTEUERANTENNE UND MOBILES ENDGERÄT MIT EINER SOLCHEN ANTENNE

Title (fr)

PROCÉDÉ D'AIDE AU POINTAGE D'UNE ANTENNE, ANTENNE À POINTAGE ASSISTÉ METTANT EN OEUVRE CE PROCÉDÉ ET TERMINAL NOMADE COMPORTANT UNE TELLE ANTENNE

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Application

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Priority

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- FR 0903134 A 20090626

Abstract (en)

[origin: WO2010149605A1] The method for helping to steer an antenna consists in using an antenna comprising a plurality of radiating elements distributed over a surface of a radiating panel, and furthermore consists: in a first step, in activating only first radiating elements located in a first central portion of the radiating panel; manually presteering the antenna in elevation and in azimuth, in a direction corresponding to a maximum level for receiving a signal transmitted by a satellite; in a second step, in then activating simultaneously the first radiating elements and at least the second radiating elements located in a second portion of the radiating panel surrounding the first central portion; and manually refining the steering direction of the antenna in elevation and in azimuth. Application to the field of satellite communications, especially for applications using mobile terminals.

IPC 8 full level

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