

Title (en)

ANTENNA ARRANGEMENT FOR A RADAR TRANSCEIVER AND CIRCUIT ARRANGEMENT FOR FEEDING AN ANTENNA ARRANGEMENT OF SUCH A RADAR TRANSCEIVER

Title (de)

ANTENNENANORDNUNG FÜR EINEN RADAR-TRANSCEIVER UND SCHALTUNGSANORDNUNG ZUM SPEISEN EINER ANTENNENANORDNUNG EINES SOLCHEN RADAR-TRANSCEIVERS

Title (fr)

SYSTÈME D'ANTENNE POUR UN ÉMETTEUR-RÉCEPTEUR RADAR, ET CIRCUIT ÉLECTRIQUE POUR ALIMENTER UN SYSTÈME D'ANTENNE D'UN TEL ÉMETTEUR-RÉCEPTEUR RADAR

Publication

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Application

EP 08861471 A 20081021

Priority

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Abstract (en)

[origin: US2010321268A1] An antenna array for radar transceivers, in particular for ascertaining distance and/or speed in the surroundings of vehicles, a first antenna part being situated on a carrier and a second antenna part being situated on another carrier situated at a distance from the first. The first antenna part has two generally rectangular primary exciter patches which adjoin each other on one edge, where they are short-circuited toward ground, two primary exciter patches have two separate supply lines, and the second antenna part comprises two mutually separated rectangular secondary exciter patches, which partially cover the primary exciter patches and which have, in the region of the ground short-circuit of the primary exciter patches, in the beam direction, a distance from each other that at least exposes the ground short-circuit.

IPC 8 full level

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CPC (source: EP US)

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