

Title (en)

METHOD FOR ADAPTIVE TARGET PROCESSING IN A MOTOR VEHICLE RADAR SYSTEM

Title (de)

VERFAHREN ZUR ADAPTIVEN ZIELVERARBEITUNG IN EINEM KRAFTFAHRZEUGRADAR

Title (fr)

PROCEDE DE TRAITEMENT DE CIBLE ADAPTATIF DANS UN RADAR DE BORD AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO0235255A2] The invention relates to a method for adaptive target processing in a motor vehicle radar system. Targets are detected according to speed and environmental location in a normal radar sensor mode. Once the targets have been detected in normal mode, a switch occurs to a fine mode. In said fine mode, the distance measurement range of the radar sensor is adapted to the detected target environment. According to the invention, accuracy of measurement and/or resolution is improved in relation to speed within the distance measurement range adapted to the target environment by increasing observation time.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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