

Title (en)

RADAR SYSTEM COMPRISING A HETERODYNE MIXER FOR THE IMPROVED DETECTION OF SHORT-RANGE SIGNALS

Title (de)

RADARSYSTEM MIT HETERODYNEM MISCHER ZUR VERBESSERTEN DETEKTION VON NAHBEREICHSSIGNALEN

Title (fr)

SYSTEME RADAR A MELANGEUR HETERODYNE POUR AMELIORER LA DETECTION DE SIGNAUX COURTE PORTEE

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Application

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Priority

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Abstract (en)

[origin: WO2006032569A1] The invention relates to an antenna radar system comprising a short-range antenna path (310 - 365), and a long-range antenna path (210 305) separate from the short-range antenna path (310 - 365). According to the invention, a push-pull mixer (345 - 360) is especially arranged in the short-range antenna path. A heterodyne frequency translation or mix of the signals to be processed can be carried out by means of the push-pull mixer (345 - 360) in the short-range antenna path.

IPC 8 full level

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