

Title (en)

DUAL-PASS RAKE RECEIVER FOR A DIGITAL RADIO LINK BETWEEN A FIXED AND A MOBILE RADIO UNIT.

Title (de)

ZWEISTUFIG ARBEITENDER "RAKE"-EMPFANGER IN EINER DIGITALEN FUNKVERBINDUNG ZWISCHEN EINER ORTSFESTEN UND MOBILEN FUNKSTATION.

Title (fr)

RECEPTEUR RAKE A DOUBLE TRANSMISSION POUR LIAISON RADIO DIGITALE ENTRE UN APPAREIL RADIO FIXE ET UN APPAREIL RADIO MOBILE.

Publication

EP 0650646 A1 19950503 (EN)

Application

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Priority

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Abstract (en)

[origin: WO9427379A1] The apparatus comprises a plurality of Rake fingers each arranged to generate a data output signal and a feed back signal. Each Rake finger includes a Wiener-like filter for an I and Q channel, and processing means for determining the nature of the feed back signal to be applied to each Rake finger to modify the input signal. Each Wiener filter has an associated past sample symmetrical filter, and an output from each Wiener filter is processed by said processing means, and an output from said past sample symmetrical filter is used to generate said output data signal.

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