

Title (en)

STATE DETERMINATION METHOD OF AN ON/OFF MODULATED ALTERNATING SIGNAL IN A DISTURBED ENVIRONMENT

Publication

**EP 0065904 B1 19850807 (FR)**

Application

**EP 82400854 A 19820510**

Priority

FR 8109919 A 19810519

Abstract (en)

[origin: US4555791A] The state of an all-or-none modulated useful signal subjected to a perturbed environment is determined, on reception, through the use of non-modulated reference signals subjected to the same environment. The reference signals have respective frequencies neighboring that of the useful signal and the same initial amplitude so that all of the signals are attenuated in the same manner by environmental perturbations. By comparing against a threshold reference value the differences between the respective amplitudes of the received reference signals and the amplitude of the received useful signal, the "all" and "none" states of the useful signal are accurately determined irrespective of the effect of perturbed environment on the amplitude of the useful signal.

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