

METHOD OF COMBINING RECEIVED SIGNAL OF DIVERSITY TYPE
RADIO DEVICE AND DIVERSITY TYPE RADIO DEVICE

ABSTRACT

Detection outputs 103 and 104 of phase-detection sections 9 and 19 of two reception circuits are input to phase difference detection sections 10 and 20, respectively. A detection output 103 indicating an instantaneous phase amount of each symbol as each phase output of a QPSK received signal is converted into phase difference detection outputs 105 and 106 each indicating a difference between the respective symbols. The output is input to a combination process section 23 where amplitude signals 101 and 102 are operated as weighting factors and vector combination so as to obtain a combination signal.

Fig. 1

This Sheet Has Been Replaced

