Abstract

POWER CONTROLLING ARRANGEMENT FOR DUPLEX TRANSMISSION

The present invention relates to an arrangement (20) for duplex transmission in a radio or similar with transmitter (1) and receiver (2), the arrangement compriseing a transmitter filter (3), receiver filter (4) and preferably a transmitter/receiver device (5), wherein the receiver filter (4) comprises a so called SAW-filter (Surface Acoustic Wave Filter) and the transmitter filter (3) and the SAW-filter (4) are connected via a circulator (6). The arrangement comprises a power detecting device (7) for detecting the power in/to the receiver filters (SAW-filters) and the power detecting arrangement (7) provides a feed-back signal to a controlling arrangement for controlling the power our from a power amplifier (8) arranged in front of the transmitter filter (3).

(figure 2)