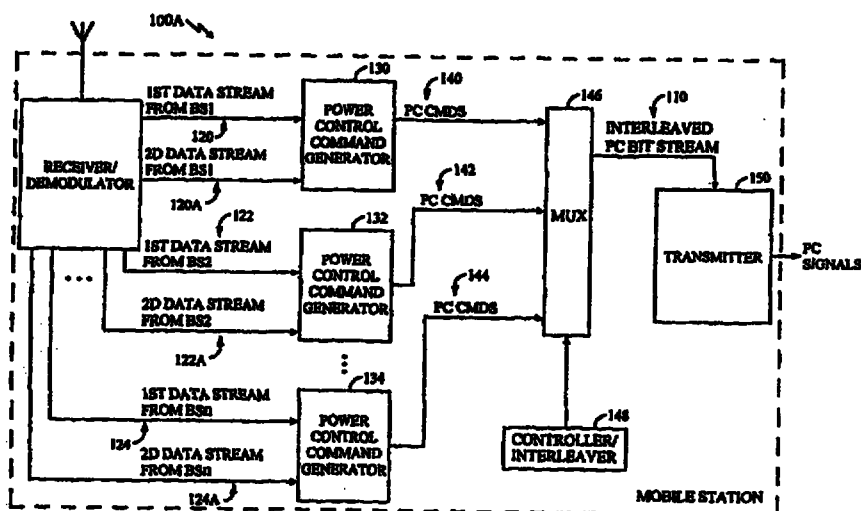




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(54) Title: FORWARD LINK POWER CONTROL OF MULTIPLE DATA STREAMS TRANSMITTED TO A MOBILE STATION USING A COMMON POWER CONTROL CHANNEL



(57) Abstract

A method and apparatus for controlling transmit power levels of a plurality of different data streams (120, 120a, 122, 122a, 124, 124a) transmitted from at least one base station to a mobile station in a mobile radio communication system. The first and second data streams are transmitted from the base station and received at the mobile station. A stream of power control commands is formed at the mobile station in accordance with either the first or second received data stream. A power control signal is formed at the mobile station from the first stream of power control commands and transmitted to the base station. A received stream of power control commands is formed from the received power control signal at the base station, and the transmit power levels of the first and second data streams from the base station are controlled in accordance with the received stream of power control commands.