

ABSTRACT OF THE DISCLOSURE

A mobile communication system which includes an exchange, a plurality of base stations, and a plurality of radio telephone sets communicatable with the associated base stations. In order to suppress or reduce call loss caused by traffic congestion or by faulty one of the base stations, an uncommunicatable service area of the faulty base station is covered by the other working base stations. The exchange detects operation states of all the base stations, searches a base-station state pattern table within the exchange for base-station control data suitable for the operation states to read out the base-station control pattern, and transmits the read-out base-station control data to the base stations to cause radio service areas of the base stations to be set to have desired radiation patterns according to the read-out base-station control data.

This Sheet Has Been Replaced

A standard 1D barcode with vertical black bars of varying widths on a white background.