



A METHOD OF DISCONNECTING AN ESTABLISHED COMMUNICATION CONNECTION
IN A MOBILE RADIO SYSTEM

ABSTRACT

A method of forcibly disconnecting a communications connection established between a mobile station (MS) and a mobile services switching network (MSC), depending on whether the communications connection (TCHK) initially allocated to the mobile station has deteriorated or that a call connection or a handover attempt has failed. According to the proposed method, with the intention of forcing the mobile station (MS) to relinquish the allocated channel the network transmits to the mobile station a signal (SB1) which activates a time monitoring process in the mobile station (MS), which therewith sends an acknowledgement signal (SB2) back to the network. When the network (MSC) does not wish the mobile station (MS) to retain the allocated channel (TCHK), a signal (SB3) which would stop the time monitoring process is not sent to the mobile station, therewith resulting in the release of the communications channel. Also described is a mobile station which includes counter-circuits (201, 202) for effecting the time monitoring process.

NO FIGURE CAN APPROPRIATELY ACCOMPANY THE ABSTRACT WHEN PUBLISHED