A METHOD AND AN APPARATUS FOR HANDING OFF MOBILE STATION FROM A FIRST TO A SECOND CHANNEL IN A MOBILE COMMUNICATION SYSTEM

ABSTRACT

In a mobile communication system, a method and an apparatus for handing off a mobile station (MS) from a first channel (CH1) on a serving base station (BS1) to a second channel (CH2) on a target base station (BS2), said mobile station (MS) transmitting at a first transmission phase on said first channel (CH1), said second channel (CH2) being ready to take over the communication with said mobile station (MS) transmitting at a second transmission phase, wherein a time offset determining means (TODM) is provided in said target base station (BS2) and is adapted to tune in to said mobile station (MS) for determining, prior to a handoff, the time offset between said first transmission phase and said second transmission phase, and a time shifting means (TSM) is provided for shifting, upon handoff, the transmission phase of said mobile station (MS) by said determined time offset relative to said first transmission phase.

Fig. 1.