

TERMINAL ASSISTED HANDOFF MOBILE COMMUNICATION SYSTEM IN
WHICH IMPROVEMENT IS CARRIED OUT AS REGARDS A HANDOFF SYSTEM
ABSTRACT

In a facility (12, 28a, 28b) for a mobile communication system including a mobile terminal (11), the facility covers a first and a second radio zone assigned with a first and a second radio frequency, respectively. The mobile terminal is communicable with the facility by the use of one frequency and produces a request signal representative of request of a handoff in which the mobile terminal is communicable with the facility using another frequency at a boundary area between the first and the second radio zones. The facility has a judging arrangement (43) responsive to the request signal and judges whether the second frequency is usable by the mobile terminal. The facility further has a signal transmitting arrangement (44) transmits a command signal, relating to the handoff, towards the mobile terminal through the current radio frequency in response to a judgement result.

Fig. 1

This Sheet Has Been Replaced

