

Abstract**MOBILE COMMUNICATION METHOD, MOBILE STATION AND RADIO BASE
STATION**

5 A mobile communication method according to the present
invention including the steps of: generating, at a mobile
station (UE), first verification information by use of a first
key, a first parameter and an algorithm for "Integrity
Protection"; generating, at the mobile station (UE), second
10 verification information by taking out predetermined bits of
the first verification information; and performing, at the
mobile station (UE), cell selection processing, and
transmitting, from the mobile station to a radio base station
that manages the selected cell, an RRC-PDU for RRC connection
15 re-establishment request through a common control channel,
upon detection of a radio link failure in an RRC connection,
the second verification information being set in the RRC-PDU
for RRC connection re-establishment request.

20 FIG. 3