

BASE STATION DEVICE, GATEWAY DEVICE, CALL CONNECTION  
ESTABLISHMENT METHOD, AND WIRELESS COMMUNICATION  
SYSTEM

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ABSTRACT

A system capable of normally connecting a call without  
degrading the security level in a mobile terminal network, even in cases  
10 when a call addressed to a set of user equipment (UE) arrives via the  
Internet or a home network. In ST 101, a femto base station (110)  
receives a packet addressed to a set of UE (100) via the Internet or a  
home network and, in ST 102, starts a paging procedure. In ST 103,  
the set of UE (100) establishes an RRC connection to the femto base  
15 station (110). In ST 104, the UE (100) transmits, to the femto base  
station (110), a paging response addressed to the SGSN (150). In ST  
105, the femto base station (110) performs NAS verification. If the  
femto base station (110) detects the paging response to a paging request  
made by itself, the femto base station (110), in ST 107, changes the  
20 service type of the service request received from the UE (100) from the  
paging response to signaling.

Figure 8