Abstract: Disclosed is a method of controlling connection establishment in a server in charge of the control plane within a mobile communication network. The method of controlling connection establishment may include receiving a connection request message including a parameter indicating an identifier of a local gateway from a base station. The connection request message may include an access request message by the UE. The method of controlling connection establishment may further include determining whether a bearer for the UE is set to a path through nodes within the mobile communication network or set to a path through nodes within another wired network accessible by the local gateway by considering at least one of QoS, subscriber information for the UE, operator policy if the connection request message is received. If it is set to a path through nodes within the another wired network, the method of controlling connection establishment may further include transmitting a connection response message including a parameter indicating whether the bearer has been set or should be set to a path through nodes within the another wired network and an address of the local gateway to the base station.
Published: — with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

H04W 28/08(2009.01)i, H04W 36/08(2009.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04W 28/08; G06F 15/16; H04J 3/22; H04B 7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic database consulted during the international search (name of database and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: Path through node, Qos, Parameter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>KR 10-2005-0077240 A (SAMSUNG ELECTRONICS CO., LTD.) 02 August 2005 See claims 1-10 and figures 1-6.</td>
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<td>A</td>
<td>KR 10-2004-0046088 A (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 05 June 2004 See claims 1-5 and figures 1-4.</td>
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<td>A</td>
<td>US 5897011 A1 (TOH, CHAI KEBONG) 16 November 1999 See claims 1-30 and figures 1-12.</td>
<td>1-15</td>
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☐ Further documents are listed in the continuation of Box C.  ☒ See patent family annex.

* Special categories of cited documents:
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Date of the actual completion of the international search

Date of mailing of the international search report

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<th>Publication date</th>
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<tr>
<td>KR 10-2004-0046688 A</td>
<td>05.06.2004</td>
<td>None</td>
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<td>US 5987011 A1</td>
<td>16.11.1999</td>
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