Title: METHOD AND DEVICE FOR MANAGING COMMUNICATION SESSION

Abstract: A method and device for managing a communication session via a plurality of wireless carriers in a wireless communication network (100) is disclosed. The network includes a plurality of regions. The method at a first network-controller (108) in a first region (104) of the plurality of regions includes maintaining the communication session with a communication device (112) in a second region (106) of the network via a first set of wireless carriers of the plurality of wireless carriers when the communication device moves from the first region (104) to the second region. Each wireless carrier of the plurality of wireless carriers corresponds to one or more distinct data-packets. The method also includes the one or more distinct data-packets being provided to the communication device via the first set of wireless carriers.
A. CLASSIFICATION OF SUBJECT MATTER

H04L 12/24(2006.01), H04L 12/28(2006.01), H04B 7/26(2006.01)

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)

IPC 8 H04L, H04B, H04Q

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 since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

IEEE Xplore, google, eKIPASS(KIPO internal) Keyword "hand-over, session"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
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<tbody>
<tr>
<td>X</td>
<td>KR 10-2004-0051329 A (LG ELECTRONICS INC.) 18 June 2004 See abstract and figures 1-4</td>
<td>1-14</td>
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<td>A</td>
<td>US 2006/2355 A1 (SAMSUNG ELECTRONICS CO., LTD) 5 Jan 2006 See abstract and figures 3A-3B</td>
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<td>US 6,801,773 B2 (EUGENE WILLIAM FOSTER et al) 5 Oct 2004 See abstract</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

24 FEBRUARY 2009 (24.02.2009)

Date of mailing of the international search report

24 FEBRUARY 2009 (24.02.2009)

Name and mailing address of the ISA/KR

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<td>KR 10-2004-0051329 A</td>
<td>18.06.2004</td>
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