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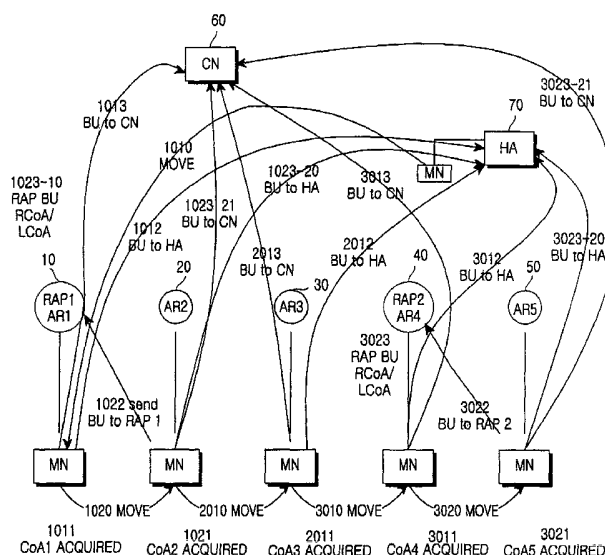
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR SUPPORTING MOBILITY OF MOBILE NODE USING REGIONAL ANCHOR POINT IN FUTURE INTERNET



(57) Abstract: A method for maintaining data transmission from a corresponding node when a mobile node moves from first access router to second access router in a network system, the method comprising: transmitting using the mobile node a home address of the mobile node and a one care-of address (CoA) assigned from the first access router to the corresponding node and a home agent, when the mobile node is located in the first access router; and transmitting using the mobile node the home address, the one CoA, and another CoA assigned from the second access router to the first access router so that data from the corresponding node is received via the first access router and the second access router, when the mobile node moves from the first access router to the second access router and the second access router is located within a predetermined distance from the first access router.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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

B. FIELDS SEARCHED

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IPC7: H04L, H04M, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and Applications for Inventions since 1975

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)

IEEEEL(IEEE/IEE Electronic Library)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	IEEE International Conference on Communications Circuits and Systems and West Sino Expositions, Vol. 1, : 29 June-1 July 2002, pp.337-341, Yao-Chung Chang; et al., "MPLS VPN in cellular mobile IPv6 architectures"	1-14
A	IEEE Transactions on Consumer Electronics, Vol. 46, Issue:3, Aug. 2000, pp.1161-1166, ISSN 0098-3063 Han-Chieh Chao; et al., "The Implication of the next-generation wireless network design: cellular mobile IPv6"	1-14
A	IEEE Communications Magazine, Vol. 40, Issue:8, Aug. 2002, pp.38-43, ISSN 0163-6804 Montavont, N.; Noel, T., "Handover management for mobile nodes in IPv6 networks"	1-14
A,P	US 2002/0159478 A1(MATINGER, STANGER & MAULER, P.C.) 31. Oct 2002 abstract, figures	1-14
A,P	US 2002/0186679 A1(KATTEN MUCHIN ZAVIS ROSENMAN) 12. Dec 2002 abstract, figures	1-14



Further documents are listed in the continuation of Box C.



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US 2002/0159478 A1	31. 10. 2002	None	
US 2002/0186679 A1	12. 12. 2002	None	