Title: ARRANGEMENT FOR RETRIEVING ROUTING INFORMATION FOR ESTABLISHING A BIDIRECTIONAL TUNNEL BETWEEN A MOBILE ROUTER AND A CORRESPONDENT ROUTER

Abstract: A mobile router and a correspondent router, each configured for routing services for nodes within their routing prefixes associated with their respective routing tables, establish a secure, bidirectional tunnel based on a messaging protocol between each other and a route server resource. A reactive (i.e., on-demand) protocol is used that enables the requesting device (e.g., the mobile router, correspondent router), to obtain routing information in a secure manner from the route server. The mobile router sends a query via its home agent to the route server resource to identify the correspondent router serving the correspondent node. The mobile router sends a binding update request, specifying a home address and care-of address for the mobile router, to the correspondent router for establishment of a bidirectional tunnel. The correspondent router establishes the bidirectional tunnel, and updates its routing tables based on information from the route server resource.
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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B. FIELDS SEARCHED

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT (name of data base and, where practicable, search terms used)

<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>
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</table>

Further documents are listed in the continuation of Box C. See patent family annex.

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