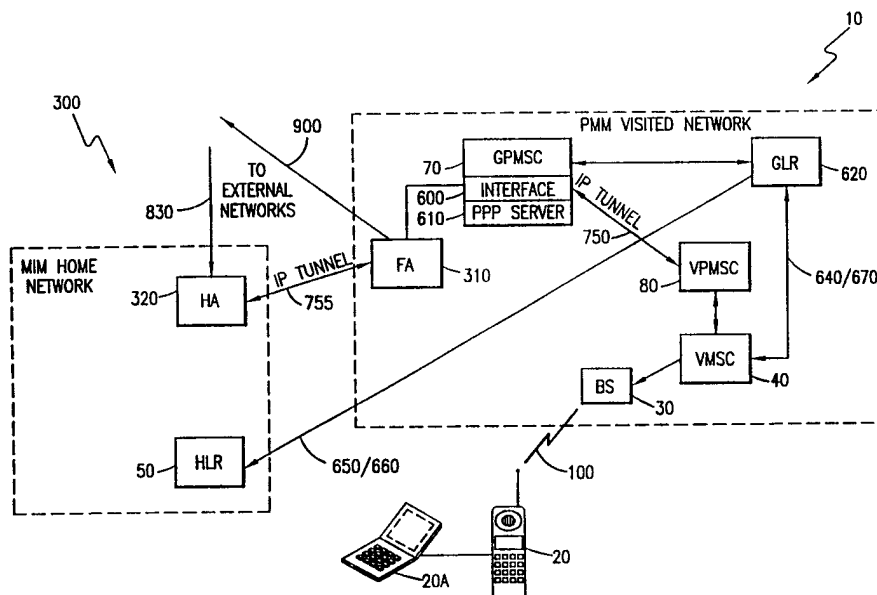




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(54) Title: COMMUNICATING PACKET DATA WITH A MOBILE STATION ROAMING WITHIN AN INCOMPATIBLE MOBILE NETWORK



(57) Abstract

A roaming mechanism enabling a mobile station (20) to roam between a first data packet network (300) utilizing a Mobile IP Method (MIM) and a second data packet network (10) utilizing a Personal Digital Cellular Mobility Method (PMM) is disclosed. A foreign agent (FA) (310) is introduced into the PMM network (10) for enabling a mobile station (20) associated with the MIM network (300) and currently roaming within the PMM network (10) to communicate packet data with an associated home agent (HA) (320). A home agent (HA) is further introduced into the PMM network (10) for enabling a mobile station (20) associated with the PMM network (10) and currently roaming within the MIM network (300) to communicate packet data with an associated FA or Mobile IP Client Emulator (MICE) (1000) currently serving the roaming mobile station (20).

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INTERNATIONAL SEARCH REPORT

International Application No

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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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IPC 6 H04Q H04L

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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PCT/SE 98/00536

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