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(54) Title: SUPPORT OF TRIPLE PLAY SERVICES IN USER DEVICES

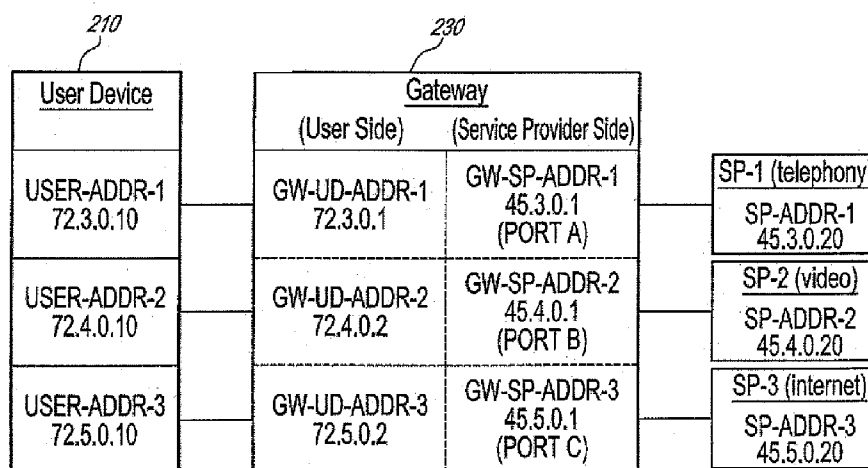


FIG. 2b

(57) Abstract: Several services offered by distinct service providers can be accessed from a single user device, through one or more gateways. To ensure quality of service control, each service provider allocates a distinct address to the user device. Distinct forwarding information bases and service mappings are defined at the user device, comprising one such forwarding information base for each service provider and one service mapping for each service type offered by a given service provider. The separate addresses allocated to the user device are related to the separate service mappings. Distinct virtual local area networks (VLANs) are defined, each containing one of the forwarding information base and one of the service mappings. Tags added to packets by the gateways and arriving at the user device are used to link the packets to the proper service provider and to the proper service type.



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## A. CLASSIFICATION OF SUBJECT MATTER

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04L

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 data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 339 595 B1 (REKHTER YAKOV [US] ET AL) 15 January 2002 (2002-01-15) abstract column 3, line 37 - line 45 column 4, line 34 - line 57 column 6, line 17 - column 7, line 49 column 8, line 55 - column 12, line 19	1,7,8
A	US 7 095 738 B1 (DESANTI CLAUDIO [US]) 22 August 2006 (2006-08-22) the whole document ----- -/--	1-10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TROTTER AGILENT TECHNOLOGIES G:  "Terminology for Forwarding Information  Base (FIB) based Router Performance;  rfc3222.txt"  IETF STANDARD, INTERNET ENGINEERING TASK  FORCE, IETF, CH,  1 December 2001 (2001-12-01), XP015009001  ISSN: 0000-0003  cited in the application  the whole document  -----</p>	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			US	6526056 B1	25-02-2003
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