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(54) Title: DISTRIBUTED DEMAND MATRIX COMPUTATIONS

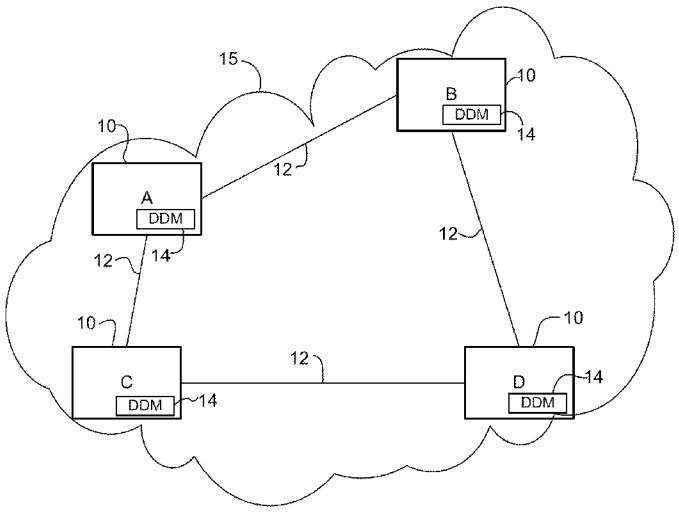


FIGURE 1

(57) Abstract: In one embodiment, a method includes receiving a packet at a first network device, logging the packet into a demand corresponding to a cell of a demand matrix, and storing the demand in a demand database at the first network device. The demand database includes a plurality of demands computed for a specified time period and corresponding to cells of the demand matrix associated with traffic entering a network at the first network device. Demands corresponding to cells of the demand matrix associated with traffic entering the network at a second network device are computed and stored at the second network device. An apparatus and logic are also disclosed herein.

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ADD.

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)
H04L

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

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EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 7 743 139 B1 (GOLAN JOSEPH [US] ET AL) 22 June 2010 (2010-06-22) the whole document	1-20
A	US 2008/298265 A1 (FILSFILS CLARENCE [BE] ET AL) 4 December 2008 (2008-12-04) the whole document	1-20
A	US 7 002 960 B1 (GOLAN JOSEPH [US] ET AL) 21 February 2006 (2006-02-21) the whole document	1-20

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[X] See patent family annex.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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