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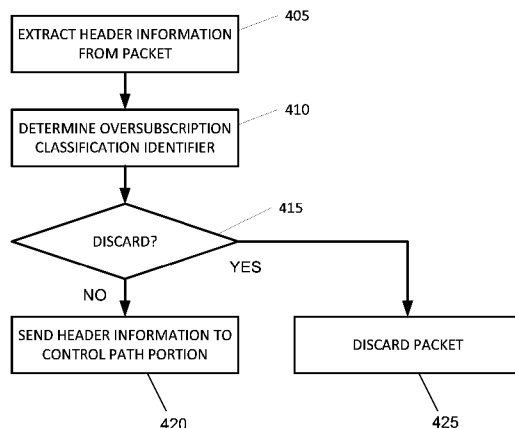
kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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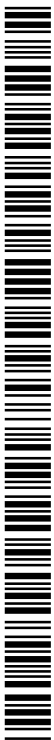
(54) Title: METHODS AND NETWORK DEVICE FOR OVERSUBSCRIPTION HANDLING



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FIG. 4

(57) Abstract: Header information is extracted from a received packet by a data path portion of a network device. The data path portion is configured to buffer a data portion of received packets until the received packets are ready for transmission from the network device. The data path portion determines a first classification identifier for the received packet based on the header information. The data path portion determines a congestion state of the data path portion. The congestion state indicates a received packet rate of the first data path portion that exceeds a packet handling rate of a control path portion of the network device. The data path portion discards the first packet if the congestion state meets a discard threshold associated with the first classification identifier.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04L12/851 H04L29/06 H04L12/801 H04L12/823 H04L12/861
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

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

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Y	EP 1 158 730 A2 (ALCATEL INTERNETWORKING PE INC [US]) 28 November 2001 (2001-11-28) paragraph [0019] - paragraph [0021] -----	1-20
A	EP 1 432 181 A2 (ZARLINK SEMICONDUCTOR LTD [GB]) 23 June 2004 (2004-06-23) paragraph [0023] - paragraph [0026] -----	1-20
A	US 6 687 247 B1 (WILFORD BRUCE [US] ET AL) 3 February 2004 (2004-02-03) the whole document -----	1-20
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Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search 31 July 2015	Date of mailing of the international search report 07/08/2015
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Perrier, Samuel
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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2014/003256

C(Continuation). 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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Information on patent family members

International application No PCT/IB2014/003256

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