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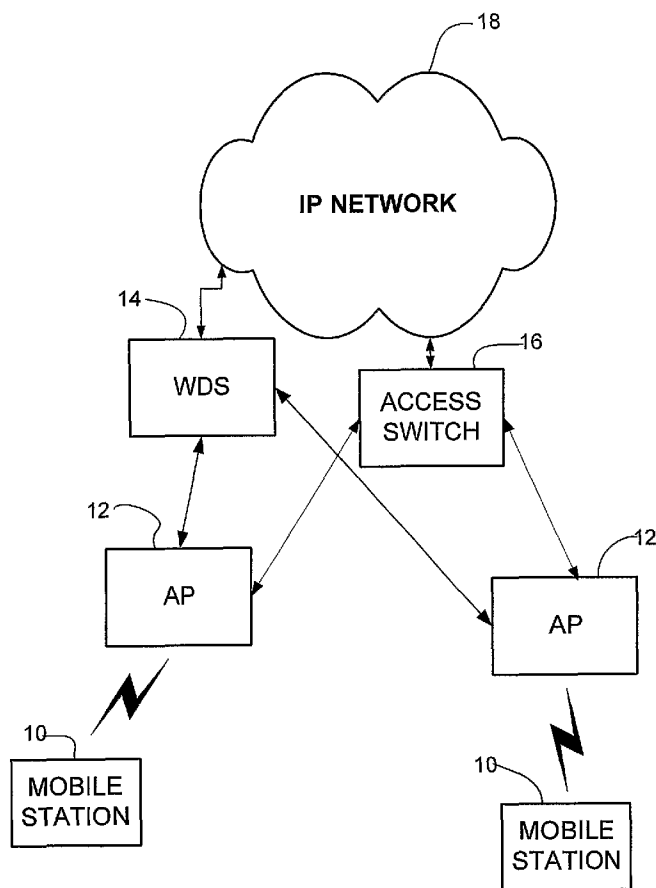
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(54) Title: METHOD AND SYSTEM FOR EVALUATING NUMBER OF ADDITIONAL ADMISSIBLE CALLS FOR USE IN CALL ADMISSION CONTROL



(57) Abstract: A method for evaluating number of additional admissible calls for use in call admission control includes tracking a percentage of channel busy time and transmission time of downlink and uplink voice packets, receiving a call admission request, and calculating the number of admissible calls. The number of admissible calls is calculated based on a channel bandwidth requirement determined from the percentage of channel busy time and a voice packet queuing requirement determined from the transmission time of downlink and uplink voice packets. The call admission request is approved if the number of admissible calls is greater than one and rejected if the number of admissible calls is less than one.

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International application No.

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>H04L 12/26( 2006.01)</b>  USPC: 370/230,235,329 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 370/230,235,329  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) EAST; search terms: call admission control, connection admission control, CAC		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,884,174 (NAGARAJAN et al) 16 March 1999 (16.03.1999), column 5, lines 4-31,45-57; column 6, lines 11-54; Figure 2.	1-5,10,13,16-17,21
A	US 6,459,681 B1 (OLIVA) 01 October 2002 (01.10.2002), column 2, lines 58-67; column 3, lines 1-55.	1,13,16,21
A	US 6,842,618 B2 (ZHANG) 11 January 2005 (11.01.2005), column 2, lines 1-41.	1,13,16,21
A	US 6,657,957 B1 (CHEUNG et al.) 02 December 2003 (02.12.2003), column 2, lines 40-67.	1,13,16,21
A	US 6,735,172 B1 (GIBBS et al.) 11 May 2004 (11.05.2004), column 4, lines 1-67.	1,13,16,21
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Rhonda Murphy  Telephone No. (571) 272-3185