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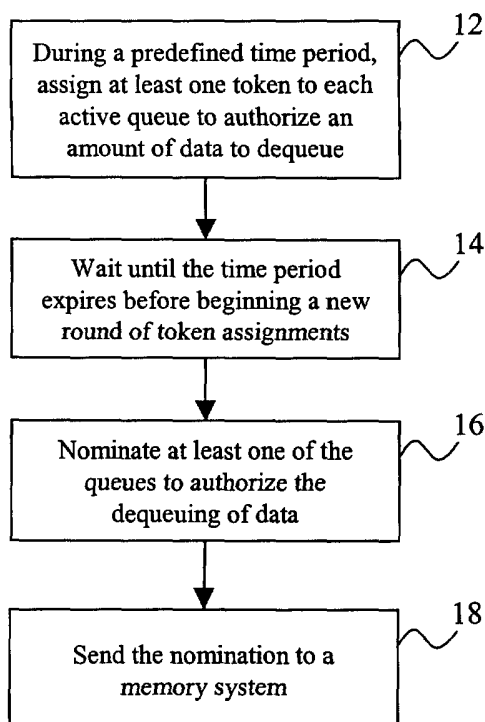
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(54) Title: SYSTEM AND METHOD FOR TIME-BASED SCHEDULING



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(57) Abstract: Provided are a system and method (10) for time-based scheduling in a communications environment. In one example, the method (10) includes assigning at least one token to each of multiple active queues during a predefined period of time. Each token authorizes an amount of data to be dequeued from the queue (12). The method also includes waiting until the end of the predefined period of time before starting a new round of assigning (14). At least one of the queues is nominated based on the token assigned to the queue, where the nomination authorizes the dequeuing of the amount of data from the queue (16). The nomination is sent to a memory system (18) to dequeue the data and send the data to a network uplink.



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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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IEEE Non-Patent Literature

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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,182,177 (HARRIMAN) 30 January 2001 (30.01.2001), entire document	1-20
A	US 6,560,230 (LI et al) 06 May 2003 (06.05.2003), entire document	1-20
A	US 5,633,867 (BEN-NUN et al) 27 May 1997 (27.05.1997), entire document	1-20
A	US 5,604,742 (COLMANT et al) 18 February 1997 (18.02.1997), entire document	1-20
A	US 5,596,576 (MILITO) 21 January 1997 (21.01.1997) entire document	1-20
A, P	US 6,839,321 (CHIRUVOLU) 04 January 2005 (04.01.2005), entire document	1-20
A, P	US 6,829,649 (SHOREY et al) 07 December 2004, entire document	1-20

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