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(54) Title: METHOD AND SYSTEM OF DATA PACKET TRANSMISSION TIMING FOR CONTROLLING BANDWIDTH

$$t_w = \frac{P}{B_T}$$

(57) Abstract: A method and system for determining a wait time (t_w) to be used between successive transmissions of packets of a content to achieve a selected target bandwidth B_T for the transmission. The wait time between successive packets of a content being transmitted is determined as a function of the selected target bandwidth (B_T) to be achieved during the transmission and the size (P) of the packets based on the algorithm formula (I). The invention provides bandwidth control at the source (the sending device) without relying on network Quality of Service (QoS) facilities.



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