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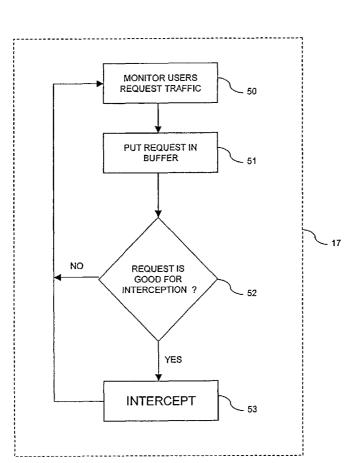
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(54) Title: DEVICES AND METHODS FOR EXPEDITING REQUESTS IN A COMPUTERIZED NETWORK BY INTERCEPTION



(57) Abstract: Expediting requests in a computerized network by interception. A disclosed method provides rapid response to requests sent across a computerized network and includes monitoring data packets en route (50), storing copies of data packets (51), analyzing the copies to determine interception desirability (52), transmitting an unrequested "spoof" response if interception desirability is positive (53). A device (17) for executing the method and various machine readable products facilitating implementation of the method on such a device (17) are further disclosed.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to compare the compared to the compared	
A, P US 6,742,044 A (AVIANI et al.) 25 May 2004 (25.05.2004), the abstract, column 2, lines 35-67, column 3, lines 1-30, column 6, lines 40-50, column 9, lines 15-67, column 10, 1-5, lines 25-55, column 11, lines 13-42.	j
A US 6,789,125 A (AVIANI et al) 07 September 2004 (07.09.2004), the abstract, column 2, lines 25-62, column 6, lines 15-40, column 9, lines 28-54.	;
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