

Title (en)
METHOD AND SYSTEM FOR DATA COMMUNICATION

Title (de)
VERFAHREN UND EINRICHTUNG ZUR DATENVERMITTLUNG

Title (fr)
PROCEDE ET SYSTEME DE COMMUNICATION DE DONNEES

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Application
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Abstract (en)
[origin: WO0021231A2] The present invention relates to a method and a system for communicating data packets over a packet switched network (325) and at least one access link (310, 345). A buffering network entity (320, 335) acts as the end-receiver of the transmitted data packets from the sending host's point-of-view. The buffering network entity (320, 335) feeds back to the sending host a status message, which in case of a lost or erroneously received data packet indicates where this degeneration of data has occurred, i.e. in the packetswitched network or over the access link. The sending host regularly checks the returned status messages and data flow algorithms are only triggered if a data packet has been lost or degenerated in the packet switched network (325). The invention thus prevents data flow algorithms such as slow start and congestion avoidance algorithms from being activated in the substantially error-immune packet switched network when data packets are lost in comparatively error-prone access links. This significantly increases the efficiency of the overall system.

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