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Tzannes

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(54) **PACKET RETRANSMISSION AND MEMORY SHARING**

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See application file for complete search history.

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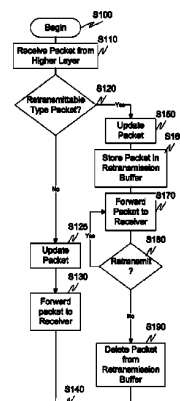
(57) **ABSTRACT**

(52) **U.S. Cl.**
CPC **H04L 1/0041** (2013.01); **H03M 13/00** (2013.01); **H03M 13/09** (2013.01); **H03M 13/091** (2013.01); **H03M 13/2707** (2013.01); **H03M 13/6513** (2013.01); **H04L 1/0045** (2013.01); **H04L 1/0057** (2013.01); **H04L 1/08** (2013.01); **H04L 1/1607** (2013.01);
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Through the identification of different packet-types, packets can be handled based on an assigned packet handling identifier. This identifier can, for example, enable forwarding of latency-sensitive packets without delay and allow error-sensitive packets to be stored for possible retransmission. In another embodiment, and optionally in conjunction with retransmission protocols including a packet handling identifier, a memory used for retransmission of packets can be shared with other transceiver functionality such as, coding, decoding, interleaving, deinterleaving, error correction, and the like.

(58) **Field of Classification Search**
CPC . H04L 1/1809; H04L 1/1812; H04L 1/1887; H04L 1/1819; H04L 2001/0093; H04L 45/302; H04L 47/6215

20 Claims, 4 Drawing Sheets



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- H04L 1/16** (2006.01)
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