

Title (en)

METHOD AND SYSTEM FOR DETERMINISTIC PACKET DROP

Title (de)

VERFAHREN UND SYSTEM FÜR DETERMINISTISCHEN PAKETVERWURF

Title (fr)

PROCÉDÉ ET SYSTÈME D'ABANDON DE PAQUETS DÉTERMINISTE

Publication

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Application

EP 09832432 A 20091208

Priority

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Abstract (en)

[origin: WO2010068600A2] The present invention provides a method (200) and system (502) for managing a data stream in a communication network. The method includes receiving (204) a packetized data stream including one or more data segments. Each data segment corresponds to a frame type of a plurality of frame types. Further, the method includes determining (206) a number of data segments to be transmitted for each frame type in the communication network, based on at least one predefined parameter. Furthermore, the method includes dropping (208) at least one data segment for at least one frame type, based on the number of data segments to be transmitted for each frame type and the functional dependency between the one or more data segments and between the plurality of frame types. The method also includes re-packetizing (210) the received packetized data stream on the basis of the dropping of the data segments.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XII] US 2008259799 A1 20081023 - VAN BEEK PETRUS J L [US]
- [XI] US 2005169312 A1 20050804 - CAKARES KI JAKOV [US], et al
- [X] US 2007204320 A1 20070830 - WU FANG [US], et al
- [A] WO 2006061801 A1 20060615 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- See references of WO 2010068600A2

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