

Title (en)

FLOW CONTROL BETWEEN TRANSMITTER AND RECEIVER ENTITIES IN A COMMUNICATIONS SYSTEM

Title (de)

FLUSSSTEUERUNG ZWISCHEN SENDER- UND EMPFÄNGEREINHEITEN IN EINEM KOMMUNIKATIONSSYSTEM

Title (fr)

CONTROLE DE FLUX ENTRE DES ENTITES D'EMISSION ET DE RECEPTION DANS UN SYSTEME DE COMMUNICATION

Publication

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Application

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Abstract (en)

[origin: WO0163856A1] In certain wireless communication systems, a common channel MAC-c layer (500), a dedicated channel MAC-d layer (510), and a Radio Link Controller are respectively located in a Radio Network Control. The MAC-c layer (500) is provided with a flow control mechanism (530) for managing a number of MAC-d entity data traffic flows directed to the MAC-c buffer (525), so that buffer fill level and the MAC-c entity (500) will remain at a desired level, and all respective data flows each gets a fair share of the data rate between the MAC-c (500) and MAC-d (510) entities. The flow control operates to share MAC-c buffer space with each MAC-d entity (510) providing an active data flow in a sequential, round robin fashion or based on flow activity (greedy manner). Buffer space is assigned or allocated on the basis of MAC-c upper fill level, and is some embodiments also on the basis of active MAC-d buffer fill levels.

IPC 1-7

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IPC 8 full level

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