

Title (en)

CODE BLOCK SEGMENTATION FOR ENCODING AND DECODING IN WIRELESS APPARATUS

Title (de)

CODEBLOCKSEGMENTIERUNG ZUR CODIERUNG UND DECODIERUNG IN DRAHTLOSER VORRICHTUNG

Title (fr)

SEGMENTATION EN BLOCS DE CODE POUR CODAGE ET DÉCODAGE DANS UN APPAREIL SANS FIL

Publication

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Application

EP 16918143 A 20161008

Priority

CN 2016101487 W 20161008

Abstract (en)

[origin: WO2018064809A1] This document discloses a solution for optimizing segmentation of a transport block into a plurality of code blocks for encoding and transmission over a radio channel. According to an aspect, a method comprises: receiving, at a first apparatus from a second apparatus, a message indicating a first number of code blocks the second apparatus is capable of decoding in parallel processing; generating, at the first apparatus, a transport block to be transmitted to the second apparatus; forming, at the first apparatus from the transport block on the basis of the received message, a second number of code blocks such that the second number of code blocks is a multiple of the first number of code blocks the second apparatus is capable of decoding in the parallel processing; and causing transmission of the formed code blocks from the first apparatus to the second apparatus.

IPC 8 full level

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Citation (search report)

- [E] WO 2018053744 A1 20180329 - NOKIA TECHNOLOGIES OY [FI], et al
- [A] US 2011280133 A1 20111117 - CHANG WEI-HSIN [US], et al
- [A] ZTE: "Consideration on channel coding for NR", vol. RAN WG1, no. Gothenburg, Sweden; 20160822 - 20160826, 13 August 2016 (2016-08-13), XP051132761, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_86/Docs/> [retrieved on 20160813]
- See references of WO 2018064809A1

Designated contracting state (EPC)

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