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(54) **Title:** METHOD OF SHIFTING REDUNDANCY VERSION FOR THE TRANSMISSION OF A TRANSPORT BLOCK OVER MULTIPLE SLOTS

800

Determine a starting
position of at least one
redundancy version of a
transport block in a circular
buffer based, at least
partially, on a position of
another redundancy
version of the transport
block in the circular buffer

810

Transmit one or more of
the other redundancy
version and/or the at least
one redundancy version
using the determined
starting position of the at
least one redundancy
version of the transport
block

820

FIG. 8

(57) **Abstract:** Where large transport blocks are rate-matched and transmitted on each PUSCH segment using different redundancy versions (RVs), RV cycling with a small number of PUSCH segments might not cover the whole codeword, and/or rate-matching a large TBS across many PUSCH segments into the resource of a single PUSCH segment may lead to an effective coding rate of the self-decodable redundancy versions that is too high. To avoid these issues, the starting position of one or more RVs may be shifted by setting the starting position of a current RV to be the same as an ending position of a previous position, or by scaling the starting position by a value. Alternatively, these issues may be avoided by setting a new starting position for an RV based on the gap from the end of a previous RV to the start of a current RV.