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(72) Inventors; and

(75) Inventors/Applicants (for US only): **RINGSTRÖM, Markus** [SE/SE]; Kungsklippan 22, 2 tr, SE-112 25 Stockholm (SE). **GERSTENBERGER, Dirk** [DE/SE]; Birger Jarlsgatan 113 C, SE-113 56 Stockholm (SE).(74) Agent: **HASSELGREN, Joakim**; Ericsson AB, Patent Unit LTE, SE-164 80 Stockholm (SE).

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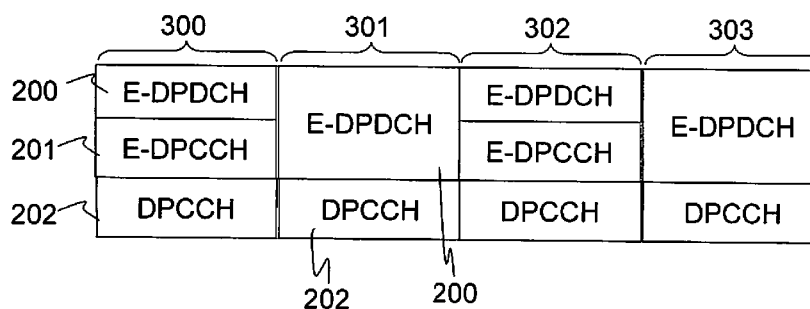


Fig. 3b

(57) **Abstract:** The present invention relates to methods and arrangements for uplink retransmissions from a user equipment to a radio base station in a UTRAN with enhanced uplink. The UE transmits a subframe comprising physical control channel(s) and physical data channel(s) in an initial transmission. According to the present invention, one or more of the physical control channels are transmitted with a lower transmission power level in all or some of the retransmitted subframes in the uplink. This results in reduced control overhead (a smaller part of the transmission power resource is used for control signaling) and thus reduced interference from the overhead. At the same time, the transmission power resource no longer used for the physical control channel information, can be used to increase the transmission power level of the physical data channel information in these retransmitted subframes, which improves the uplink coverage.