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- (71) Applicant (for all designated States except US): TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): CHENG, Jung-Fu [—/US]; 109 Bradwyck Drive, Cary, NC 27513 (US).
- (74) Agent: BETHEA, Thomas; Ericsson Inc., 6300 Legacy, MS EVR 1-C-11, Plano, TX 75024 (US).
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(54) Title: SELECTION OF RETRANSMISSION SETTINGS FOR HARQ IN WCDMA AND LTE NETWORKS

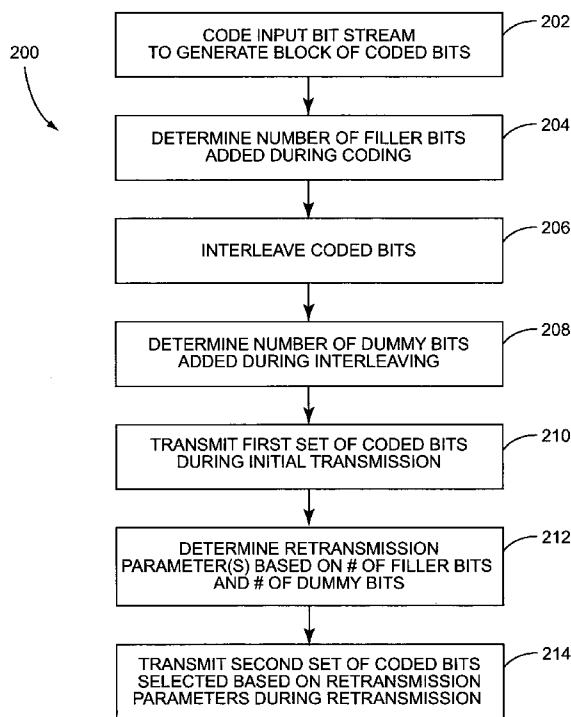


FIG. 9

(57) Abstract: Improvements in the performance of HARQ operation are achieved by considering two channel coding parameters, the number of filler bits F and the number of dummy bits  $N_D$ , in the selection of the retransmission settings for HARQ operation. In one exemplary embodiment, an optimal RV setting for the retransmission is selected based on the number of filler bits F and the number of dummy bits  $N_D$ . In another exemplary embodiment, an address offset to the RV starting point for a selected RV setting is selected based on the number of filler bits F and the number of dummy bits  $N_D$ .



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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LG ELECTRONICS: "An RV definition scheme with variable starting Positions" 3GPP DRAFT; R1-073200, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Orlando, USA; 20070625, 27 June 2007 (2007-06-27), XP050106834 the whole document ----- -/--	1-16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <span style="margin-left: 200px;"><input type="checkbox"/> See patent family annex.</span>		
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  <p style="text-align: center;">Martínez Martínez, V</p>	

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X	<p>SAMSUNG: "Adjustment to starting positions of redundancy versions for turbo code rate matching"            3GPP DRAFT; R1-074793, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE,            vol. RAN WG1, no. Korea; 20071105, 29 October 2007 (2007-10-29), XP050108260            page 1 - page 2</p> <p style="text-align: center;">-----</p>	1-16
A	<p>3GPP-RAN: "TS 36.212 v2.0.0"            E-UTRA, September 2007 (2007-09), XP002543235            Retrieved from the Internet:            URL: <a href="http://www.3gpp.org/ftp/Specs/html-info/36212.htm">http://www.3gpp.org/ftp/Specs/html-info/36212.htm</a>            page 8 - page 16</p> <p style="text-align: center;">-----</p>	1-16