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(54) **Title:** METHOD AND APPARATUS FOR DOWNLINK TRANSMISSION IN A DUAL/MULTI-CONNECTIVITY ENABLED SYSTEM

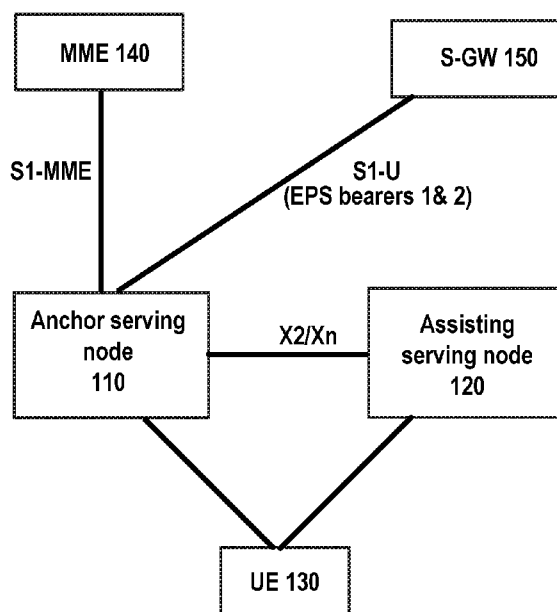


Fig. 1

(57) **Abstract:** The present disclosure provides a method and apparatus for downlink transmission in a dual/multi-connectivity enabled system. In an embodiment according to the present disclosure, the method may comprise: receiving data to be transmitted via an assisting serving node; storing the received data; transmitting the received data to the assisting serving node; deleting the stored data in response to an indication from the assisting serving node; and transmitting the stored data to a corresponding user equipment in response to a connectivity to the assisting serving node being released. According to embodiments of the present disclosure, there is provided a mechanism for downlink transmission in a dual/multi-connectivity enabled system, wherein the anchor serving node and the assisting serving node may collaborate effectively to serve a user equipment, thereby reducing the system interruption time during switching from a dual/ multi-connectivity to a single connectivity.



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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Study on Small Cell Enhancements for E-UTRA and E-UTRAN - Higher layer aspects (Release", 3GPP DRAFT; R2-132226 36842-011, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE , 2 June 2013 (2013-06-02), XP050700330, Retrieved from the Internet: URL:http://www.3gpp.org/ftp/tsg_ran/WG2_RL2/TSGR2_82/Docs/ [retrieved on 2013-06-02] cited in the application page 20, paragraph 8.1 - page 27, paragraph 8.1.1.9	1-34



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