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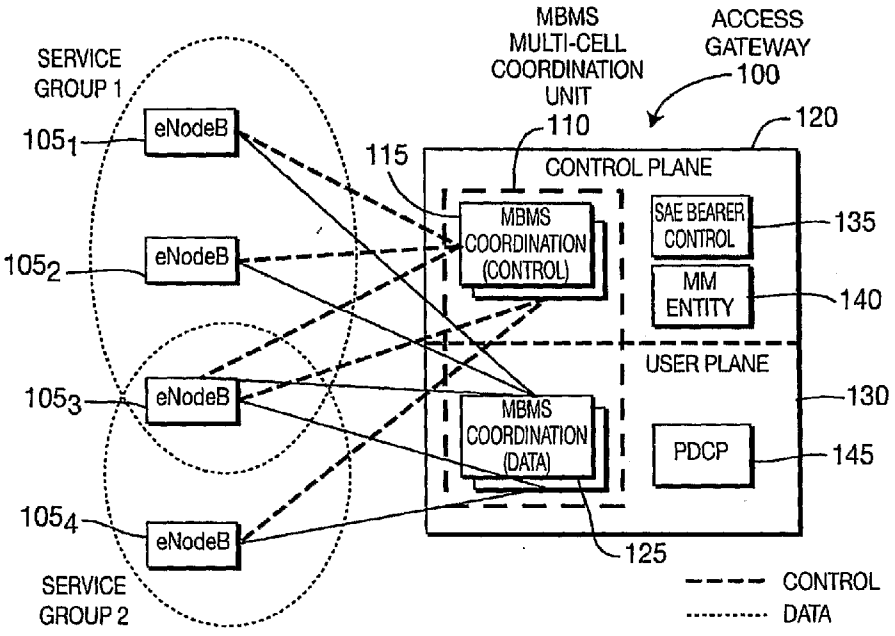
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(54) **Title:** MULTI-CELL COORDINATION FOR MULTIMEDIA BROADCAST MULTICAST SERVICES IN A WIRELESS COMMUNICATION SYSTEM



(57) **Abstract:** The present invention is related to a method and system for multi-cell coordination for multimedia broadcast multicast services (MBMS) in a wireless communication system. An MBMS multi-cell coordination unit is provided to coordinate a plurality of evolved Node-Bs (eNodeBs) for transmission of MBMS data synchronously in multiple cells of the same single frequency network (SFN). The MBMS multi-cell coordination unit may be located in an access gateway or in an eNodeB. An MBMS multi-cell scheduling scheme may be preconfigured for the eNodeBs for synchronization. Alternatively, the eNodeBs may be synchronized dynamically.

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