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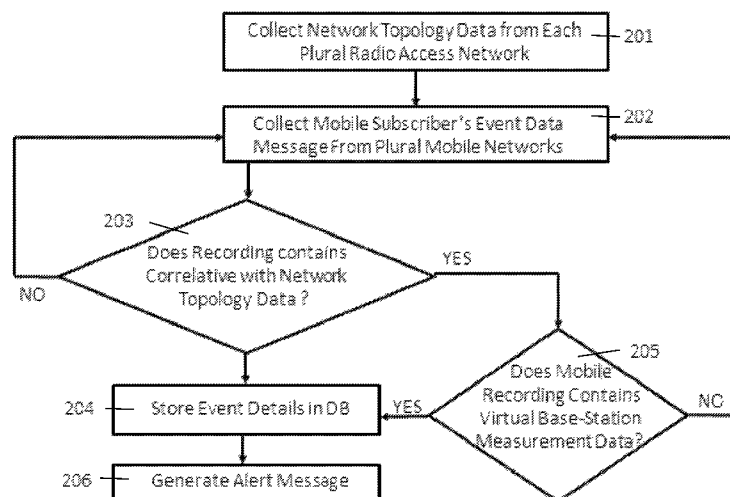
(54) Title: SYSTEM AND METHOD FOR ON-LINE IDENTIFICATION OF ACTIVE VIRTUAL MOBILE BASE-STATIONS,
BASED ON ACTIVE NETWORK MEASUREMENTS

Fig. 2

(57) Abstract: A computerized system for continuously monitoring, detecting and identifying of active virtual mobile base-stations, based on active mobile network measurements, which comprises a configuration topology database for providing data related to the active site of a mobile network; a processing unit, connected to the database, for receiving data files from radio access elements of the radio access network (RAN) of the mobile network and collecting its network configuration topology data, collecting event data messages related to mobile subscribers of the mobile network and being transferred between the mobiles' user equipment and radio access network elements and comparing mobile subscriber's event data with the network configuration topology data; a virtual base-station identification detector, for receiving from the processing unit the comparison results being indicative of virtual base-station activity and generating an identification and profile data file of the virtual base-station, based on the comparison results.