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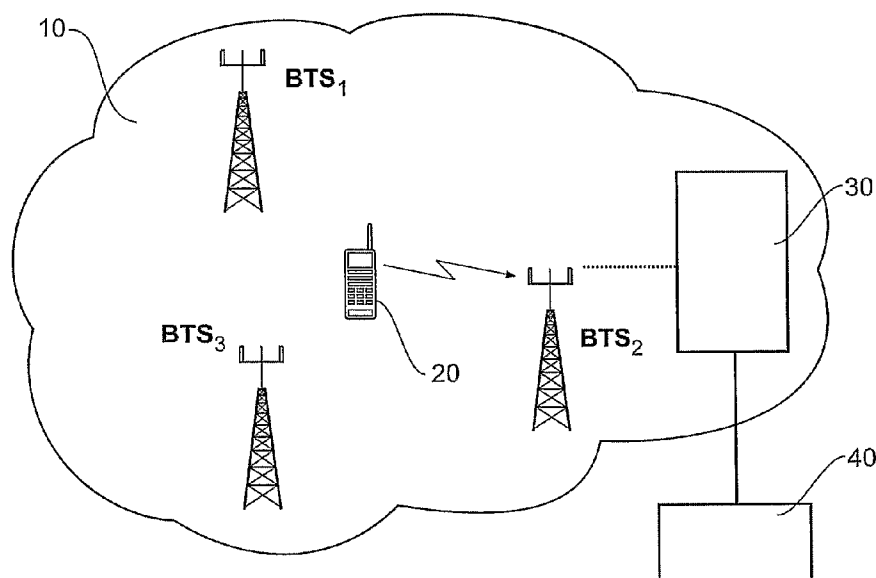
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(54) Title: ENHANCED TERRESTRIAL MOBILE LOCATION



(57) Abstract: A method and system for determining whether a mobile radio terminal is on or out of a zone in a radio communications network. The method provides for generating a profile representative of the zone using measurements taken by the mobile radio terminal and/ or the network and/ or using predicted values. A comparison is then made between subsequent measurements or values and the profile to make a determination as to whether the mobile radio terminal is in or out of the zone. The method is applicable to any zone-based application including differential call charging, security applications, buddy finder services, mobile gaming and location based services in general.

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