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## Patent Search

Invention Title	SAR BASED SYSTEM FOR REDUCING THE EFFECT OF CELLULAR PHONE RADIATION ACCORDING TO THE USER HEALTH PARAMETERS
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### Abstract:

The present invention is related to system of specific absorption rates electromagnetic power management according to user health parameters. The system is configured to mobile communication device, comprises a proximity sensors , a personal health parameter module, an electromagnetic power measurement module and an EM control module. The proximity sensors are used to detect the position of mobile communication device to head of the user. The electromagnetic power measurement module is used to manage & control the electromagnetic power according to threshold level of power set by the personal health parameter module of the system.

### Complete Specification

Claims:1. A system for reduce the effect of radiation on human health while using an cellular phone with considering the health parameter of the user , wherein system is operated as an inbuilt system for a cellular phone and used plurality of inbuilt modules of the cellular phone for the management of the electromagnetic radiation, the system comprising :

An anti-radiation cover, connected to processing unit of the cellular phone and configured to function according to an instruction of the cellular phone, wherein the anti-radiation cover is covered some parts of the cellular phone;

At least one antenna, arranged at intervals, characterized in that the cellular phone have a grid-shaped metal structure, wherein a grid metal structure covers the antenna in the projection area, wherein a measurement device is used to measure a specific absorption rate (SAR) distribution with respect to the radio wave radiated from the antenna, with a predetermined phantom using a predetermined measuring method;

An user health parameter module, used to store the different threshold of radiation level my affect the particular user's health according signal of the computing unit of the system ; and

A parallel computing model, wherein the parallel computing model computing module is a parallel computing model to function parallels to operation of the cellular phone and measure the plurality of the parameters of the cellular phone to estimate the absorb radiation of the user with respective to the user health parameter module, and control the anti-radiation cover and the internal operation of the cellular phone and indicate said parameters on a display of the user.

2 The system as claimed in claim 1 the user health parameters comprises past medical history of the users



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