

(54) Title of the invention : APPARATUS FOR NON-INVASIVE DELIVERY OF COMPOUND

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(57) Abstract :

An apparatus for non-invasive delivery of a compound to subject is disclosed. According to an embodiment, the apparatus comprising: a diagnostic unit adapted for sensing, in real time, one or more attributes of blood of the subject, and generate a first signal based on the sensed one or more attributes; a processing unit operatively coupled with the diagnostic unit, the processing unit adapted to receive the generated first signal, and extract values of one or more parameters from the first signal, and compare the extracted values with reference parameters values stored in a first database, and based on the comparison generate a second signal; an electroporator unit operatively coupled with the processing unit, the electroporator unit configured to receive the second signal; and a storage unit, operatively coupled with the electroporator unit, adapted for storing the compound, and the storage unit configured to deliver the compound to the subject; wherein the electroporator unit generate at least one electric pulse based on the received second signal, and wherein based on the generated at least one electric pulse allows electroporation to occurs to allow delivery of the compound to the subject.

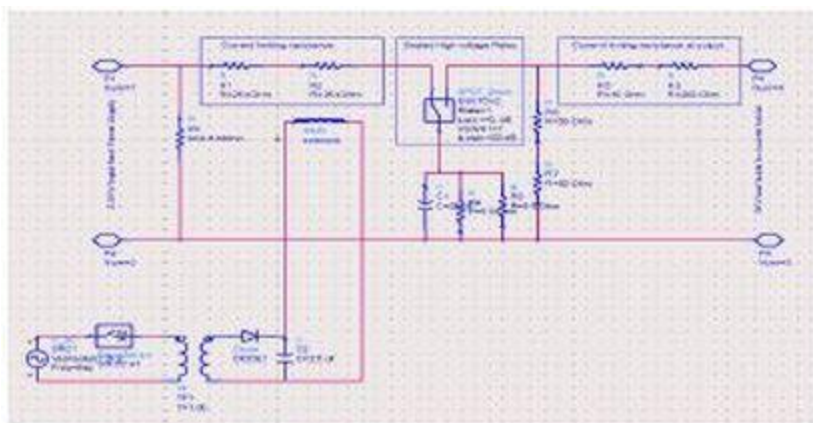


Fig 1

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