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(54) Title: SYSTEM AND METHOD FOR TRANSDERMAL VACCINE DELIVERY

(57) Abstract: A system and method for transdermally delivering a vaccine to a patient including an iontophoresis delivery device having a donor electrode, a Counter electrode, and electric circuitry for supplying iontophoresis energy to the electrodes, and a non-electroactive microprojection member having a plurality of stratum corneum-piercing microprojections extending therefrom. The vaccine can be contained in a hydrogel formulation in an agent reservoir disposed proximate the donor electrode, in a biocompatible coating that is disposed on the microprojections or in both.



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