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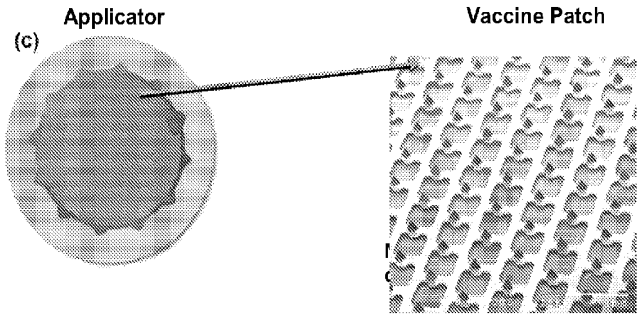
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(54) Title: TRANSDERMAL ACTIVE AGENT DELIVERY DEVICES HAVING CORONAVIRUS VACCINE COATED MICRO-PROTRUSIONS

Figure 1



(57) Abstract: Disclosed herein are systems and methods for the transdermal or intracutaneous delivery of vaccines, and more particularly to the delivery of vaccines that produce coronavirus or other virus specific antibodies in the serum of vaccinated mammals, including to prevent COVID-19.