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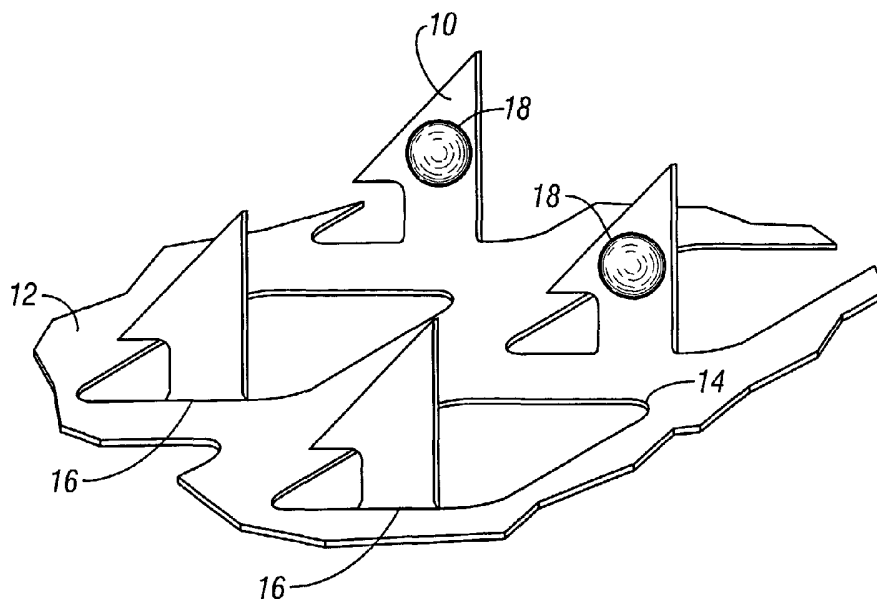
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[Continued on next page]

(54) Title: TRANSDERMAL VACCINE DELIVERY DEVICE HAVING COATED MICROPROTRUSIONS



(57) Abstract: A device and method are provided for percutaneous transdermal delivery of an immunologically active agent. The agent is mixed with appropriate surfactants and dissolved in water to form an aqueous coating solution having the appropriate concentration for coating extremely tiny skin piercing elements. The coating solution is applied to the skin piercing elements using known coating techniques and then dried. The device is applied to the skin of a living animal, causing the microprotrusions to pierce the stratum corneum and deliver a immunologically effective dose of the immunologically active agent to the animal.



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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, PAJ, CHEM ABS Data, MEDLINE, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                             | Relevant to claim No.                   |
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s)                                                                                                                                                                    | Publication<br>date                                                                                                                                    |
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