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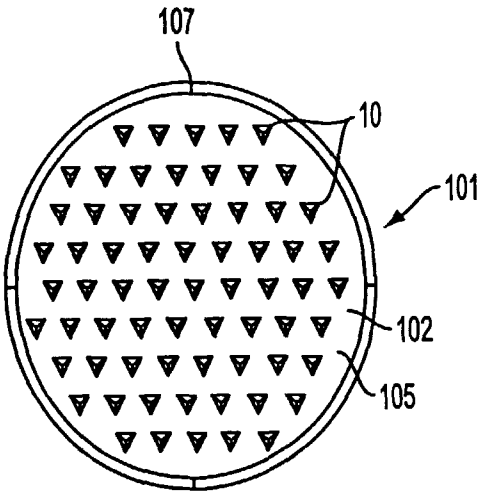
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(54) Title: MICROPROTRUSION ARRAYS AND METHODS FOR USING SAME TO DELIVER SUBSTANCES INTO TISSUE



(57) Abstract: Improved microprotrusion abrasion devices having fluid retaining or directing patterns, and specific design parameters and method for delivery of substances into the skin. Various configurations of such devices are disclosed, including domed, channeled, patterned and stepped.

WO 2004/020015 A3

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