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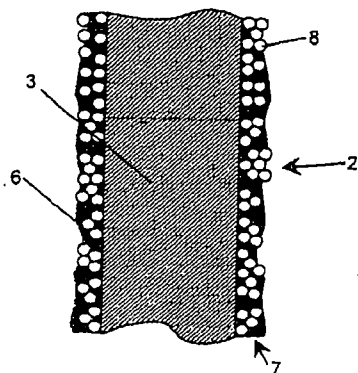
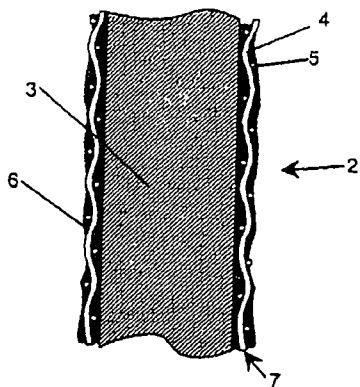
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(54) Title: CATHODE FOR ELECTROCHEMICAL REGENERATION OF PERMANGANATE ETCHING SOLUTIONS

(57) Abstract: In order to regenerate permanganate solutions being utilized for the etching and roughening of plastics surfaces electrolytic methods are known. Though relatively small quantities of by-products are produced with these methods as compared to chemical regeneration methods, large quantities of manganese dioxide are produced when printed circuit boards are treated. In order to avoid formation of manganese dioxide during the regeneration method a novel cathode (2) has been found which is provided with a porous, electrically nonconducting layer (7) on the cathode body (3). The layer (7) preferably consists of a plastics material being resistant to acid and/or alkali.



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\*ACTION\*

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