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(54) **MATERIALS PURIFICATION BY TREATMENT WITH HYDROGEN-BASED PLASMA**

REINIGUNG VON MATERIALIEN DURCH BEHANDLUNG MIT WASSERSTOFFBASIERTEM  
PLASMA

PURIFICATION DE MATERIAUX PAR TRAITEMENT AU PLASMA A BASE D'HYDROGENE

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(56) References cited:  
**FR-A1- 2 501 529 GB-A- 1 106 011**  
**US-A- 3 723 290 US-A- 3 783 167**  
**US-A- 3 992 200 US-A- 4 849 164**

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