

[54] METHOD OF DEPOSITING A HIGH SURFACE AREA ALUMINA FILM ON A RELATIVELY LOW SURFACE AREA SUPPORT

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[58] Field of Search 252/313 R, 463; 117/169 R, 62, 119.6, 46 CA

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[57] ABSTRACT

A relatively low surface area honeycomb-type ceramic support is impregnated with an alumina sol containing as a soluble plasticizer at least about 5 wt. percent of a polyethylene glycol having an average molecular weight from about 200 to about 3000. The support is thereafter calcined to form a uniformly thin, high surface area alumina film thereon.

8 Claims, No Drawings