

[54] PROCESS FOR COATING A CATALYST SUPPORT	2,085,129	6/1937	Stoewener	117/169
	2,371,237	3/1945	Heard et al.	117/169
	2,689,809	9/1954	Fessler	117/169
[75] Inventors: Joseph A. Tabacek , New Kinsington;	2,970,966	2/1961	Hoekstra	252/313
Brian W. Taylor , Richland	3,431,120	3/1969	Weisenberger	117/54
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[58] Field of Search 117/123 A, 123 B, 169 R,
117/54, 71, 88; 252/313 R

[57] **ABSTRACT**

A process for applying a high surface area coating to a catalyst support having a low surface area in which the catalyst support is coated with an alumina sol that has been treated with ammonia or an amine and then calcined.

[56] **References Cited**

UNITED STATES PATENTS

2,069,486 2/1937 Tilden..... 117/123

24 Claims, No Drawings