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ning of each regular issue of the PCT Gazette.

(54) Title: MODIFIED ALUMINA CARRIERS AND SILVER-BASED CATALYSTS FOR THE PRODUCTION OF ALKYLENE
OXIDES

(57) Abstract: An improved alpha-alumina carrier useful for preparing a catalyst having excellent catalytic performance when used
in the production of alkylene oxide, such as ethylene oxide. The carrier is obtained by impregnating a preformed alpha-alumina
carrier with at least one alkali metal hydroxide modifier, drying said impregnated carrier, calcining, said dried carrier, and washing
said calcined carrier. A particularly useful alkali metal hydroxide is sodium hydroxide.



WO 2005/023417 A1