ABSTRACT

Disclosed is a photocatalyst comprising a photocatalytically active base, and a silicon oxide film covering the base and substantially having no pores. The alkali metal content of the photocatalyst is not less than 1 ppm but not more than 1,000 ppm. Also disclosed is a method for producing such a photocatalyst wherein when a photocatalytically active base present in an aqueous medium is coated with a silicon oxide film by using a silicate, the pH of the aqueous medium containing both the photocatalytically active base and the silicate is maintained at 5 or below.