

A Photocatalyst

Abstract

The present disclosure relates to a photocatalyst
5 comprising metal oxide semiconductor nanoparticles in
crystalline form integrally formed on the surface
of a substrate made of the corresponding metal and a
method of making the same. There is also provided a
photocatalytic water treatment system having a treatment
10 zone comprising: a plurality of stages, wherein each
stage comprises a photocatalyst comprising metal oxide
semiconductor nanoparticles in crystalline form
integrally formed on the surface of a substrate made
of the corresponding metal and wherein each stage
15 comprises a light source.

(Fig. 5)

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