

NANOSTRUCTURED ZINC OXIDE AND A METHOD OF PRODUCING THE SAME

Abstract

A method of producing nanostructured zinc oxide powder. The method comprises introducing a source of zinc selected from metallic zinc or zinc compound and a process gas mixture which includes an oxidising gas (the reactants) into a reactor. While in the reactor, the reactants are heated to a process temperature effective to vaporise the zinc and to react the reactants to form a powder product. The powder product is recovered.

(Figure 1)