

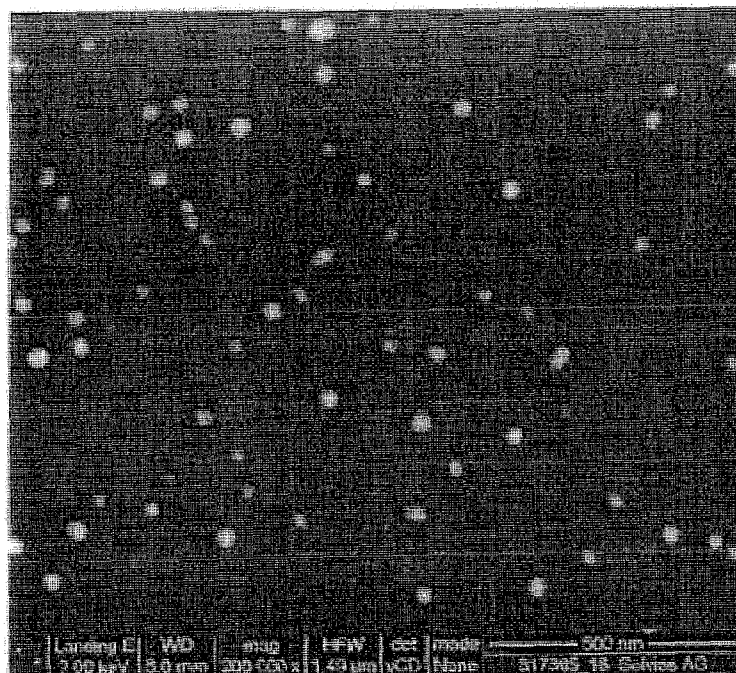


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(54) Title: PROCESSES FOR THE PREPARATION OF STANNIC OXIDE

Figure 1



(57) **Abstract:** Disclosed herein are processes for oxidising Sn^{2+} dissolved in an aqueous solution to stannic compounds using NO_2 and optionally O_2 as oxidants, wherein the aqueous solution is kept at a pH in the range of 0 to 7, wherein a salt $\text{Sn}^{2+}(\text{X}^n)_{2/n}$ and the oxidants are used according to the reaction scheme $a \text{Sn}^{2+}(\text{X}^n)_{2/n} + b \text{O}_2 + c \text{NO}_2 \rightarrow$ stannic compounds in which scheme a, b and c are mole numbers; with the proviso that when b is essentially zero, then the aqueous solution is essentially free of Cl^- , HSO_4^- and SO_4^{2-} .



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