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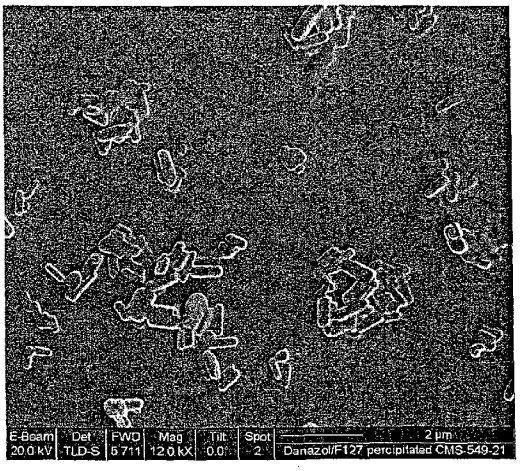
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(54) Title: CRYSTALLINE DRUG PARTICLES PREPARED USING A CONTROLLED PRECIPITATION PROCESS

CRYSTALLINE DRUG PARTICLES PREPARED USING A CONTROLLED PRECIPITATION PROCESS

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62667



(57) Abstract: Drug particles which are essentially crystalline and have a mean particle size below 2 microns, when dispersed in water, are described. When added to an aqueous medium at 25-95% of the equilibrium solubility of the drug substance, the drug particles show complete dissolution, as characterized by a 95% reduction in turbidity, in less than 5 minutes. Using a controlled precipitation process to prepare such drug particles is also described. Such drug particles exhibit an enhanced dissolution rate and better stability as compared to particles prepared according to processes described in the prior art.

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