

US005314506A

United States Patent [19]

Midler, Jr. et al.

Patent Number: [11]

5,314,506

Date of Patent: [45]

May 24, 1994

CRYSTALLIZATION METHOD TO IMPROVE CRYSTAL STRUCTURE AND SIZE

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[21] Appl. No.: 793,764

Nov. 18, 1991 [22] Filed:

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 706,682, Jun. 3, 1991, abandoned, which is a continuation-in-part of Ser. No. 538,611, Jun. 15, 1990, abandoned.

[51]	Int. Cl. ⁵ B01D 9/02
	U.S. Cl
• •	423/659; 137/896; 239/421; 239/433; 366/173
[58]	Field of Search

23/293 R, 293 A, 293 S, 299; 241/39; 239/420, 421, 433; 366/172, 173, 176; 422/245; 423/659

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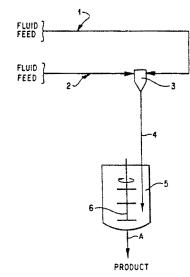
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ABSTRACT

Impinging fluid jet streams are used in a continuous crystallization process to achieve high intensity micromixing of fluids so as to form a homogeneous composition prior to the start of nucleation. This process permits direct crystallization of high surface area particles of high purity and stability.

28 Claims, 4 Drawing Sheets





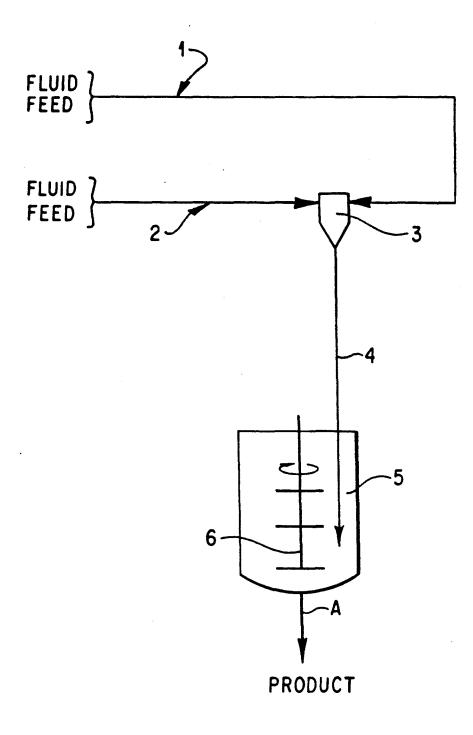
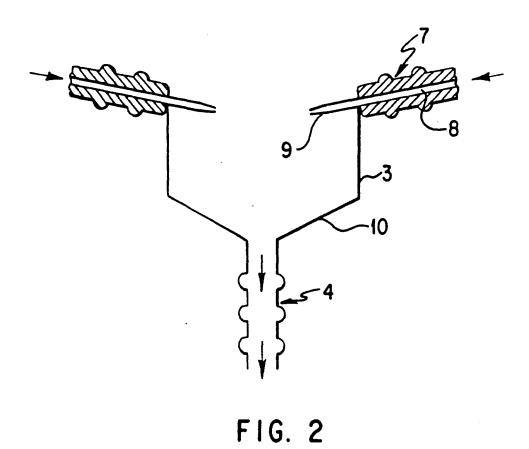


FIG. 1



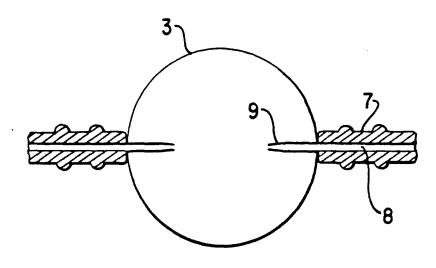
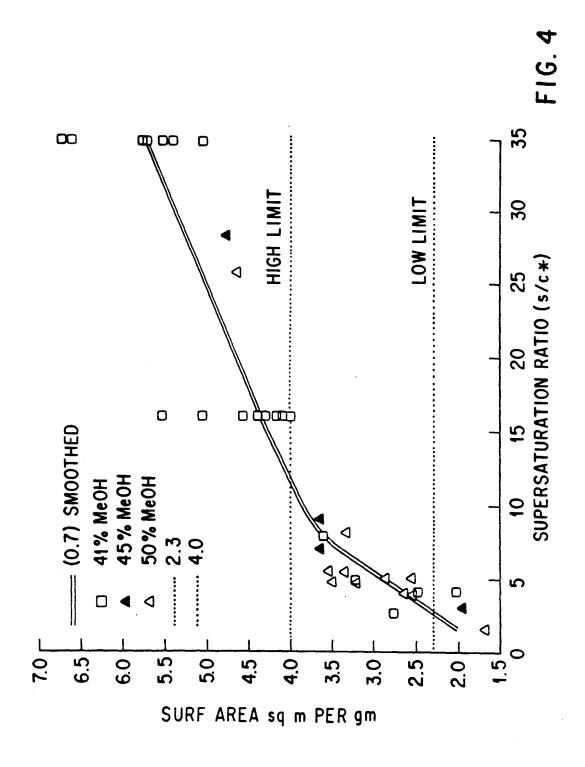


FIG. 3



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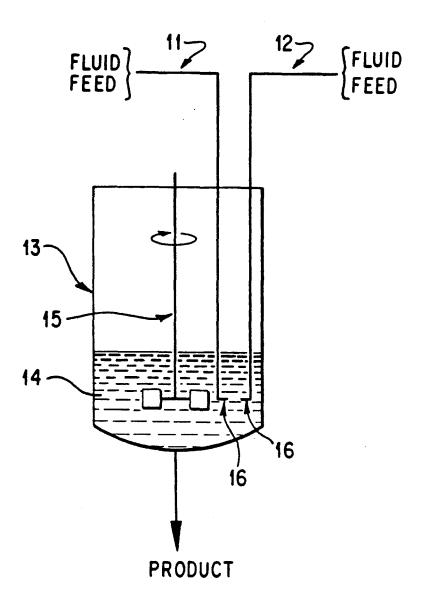


FIG. 5

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