



(19)

Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 654 291 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
20.03.1996 Bulletin 1996/12

(51) Int. Cl.⁶: B01D 9/00, G03C 1/34,
G03C 7/32

(43) Date of publication A2:
24.05.1995 Bulletin 1995/21

(21) Application number: 94118369.1

(22) Date of filing: 22.11.1994

(84) Designated Contracting States:
CH DE FR GB LI NL

(30) Priority: 24.11.1993 JP 319118/93

(71) Applicant: FUJI PHOTO FILM CO., LTD.
Kanagawa (JP)

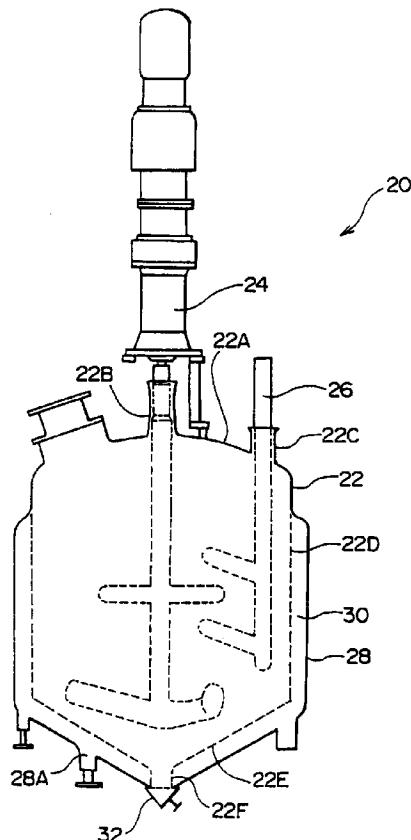
(72) Inventor: Ando, Kikuo,
c/o Fuji Photo Film Co., Ltd.
Odawara-shi, Kanagawa (JP)

(74) Representative: Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Maximilianstrasse 58
D-80538 München (DE)

(54) Method of crystallizing organic chemicals

(57) A method of crystallizing an organic chemical includes a step of starting crystallization that controls a degree of supersaturation of a solution of an organic chemical so as to crystallize platy crystals predominantly, and a step of crystallization which is carried out immediately after the step of starting crystallization, the step of crystallization lowering a temperature of the solution of the organic chemical while changing a composition of solvents so as to lower the degree of supersaturation of the solution of the organic chemical thereby continuing crystallization predominantly of the platy crystals. In the method, the crystals of the organic chemical are crystallized by stirring the solution of the organic chemical such that a flow of crystallized platy crystals is kept in a completely suspended state throughout the step of starting crystallization and the step of crystallization.

FIG. 1





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 94 11 8369

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	EP-A-0 177 443 (CIBA-GEIGY) * page 5, paragraph 3 - page 6, paragraph 1 * * page 8, paragraph 1 * ---	1,2,6,7	B01D9/00 G03C1/34 G03C7/32
A	FR-A-2 334 685 (CIBA-GEIGY) * page 9-10; examples 3-5 * * page 11-13; claims 1-9 * ---	1,2,7	
A	FR-A-1 295 543 (SOC. NAT. DES PETROLES D'AQUITAIN) * page 1-3; claims 1-10 * ---	1	
A	US-A-2 288 667 (ALLEN) * page 2, column 2, line 53 - page 3, column 1, line 65; claim 1 * ---	1	
A	DE-A-20 48 657 (KUPKA) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B01D G03C
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	22 January 1996	Wendling, J-P	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			