

Title (en)

Method of crystallizing organic chemicals.

Title (de)

Verfahren zur Kristallisierung organischer Chemikalien.

Title (fr)

Procédé de cristallisation de produits chimiques organiques.

Publication

EP 0654291 A3 19960320 (EN)

Application

EP 94118369 A 19941122

Priority

JP 31911893 A 19931124

Abstract (en)

[origin: EP0654291A2] 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. <IMAGE>

IPC 1-7

B01D 9/00

IPC 8 full level

B01D 9/02 (2006.01); **G03C 1/34** (2006.01); **G03C 7/32** (2006.01)

CPC (source: EP)

G03C 1/34 (2013.01); **G03C 7/32** (2013.01)

Citation (search report)

- [A] EP 0177443 A1 19860409 - CIBA GEIGY AG [CH], et al
- [A] FR 2334685 A1 19770708 - CIBA GEIGY AG [CH]
- [A] FR 1295543 A 19620608 - AQUITAINE PETROLE
- [A] US 2288667 A 19420707 - ALLEN WILLIAM H, et al
- [A] DE 2048657 A1 19720406 - KUPKA D

Designated contracting state (EPC)

CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0654291 A2 19950524; **EP 0654291 A3 19960320**; **EP 0654291 B1 19980211**; DE 69408515 D1 19980319; DE 69408515 T2 19980604; JP 3266395 B2 20020318; JP H07144102 A 19950606

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