

Title (en)

METHOD FOR CRYSTALLIZING AN AQUEOUS SOLUTION

Title (de)

VERFAHREN ZUR KRISTALLISATION EINER WÄSSERIGEN LÖSUNG

Title (fr)

PROCEDE DE CRISTALLISATION D'UNE SOLUTION AQUEUSE

Publication

EP 1183085 A1 20020306 (FR)

Application

EP 00931332 A 20000522

Priority

- FR 0001394 W 20000522
- FR 9906769 A 19990528

Abstract (en)

[origin: FR2794031A1] The invention relates to a method for crystallizing an aqueous solution. According to the invention, said method consists in the following steps: at least one surfactant is initially added to the aqueous solution if the aqueous solution does not at least already contain one natural surfactant; the volume of the medium is subsequently swollen to form foam, whereupon crystallization occurs in a structured medium in the form of foam and said structured medium is used as a provisional material support for crystals undergoing a process of formation, after which the crystals or agglomerates of crystals are recovered by destructuring said foam.

IPC 1-7

B01D 9/00

IPC 8 full level

B01D 9/00 (2006.01)

CPC (source: EP)

B01D 9/00 (2013.01); **B01D 9/005** (2013.01)

Citation (search report)

See references of WO 0072934A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

FR 2794031 A1 20001201; FR 2794031 B1 20020405; AU 4930000 A 20001218; EP 1183085 A1 20020306; WO 0072934 A1 20001207

DOCDB simple family (application)

FR 9906769 A 19990528; AU 4930000 A 20000522; EP 00931332 A 20000522; FR 0001394 W 20000522