

Title (en)

SUCTION DEVICE ENABLING FINE SOLID PARTICLES TO BE DISSOCIATED FROM A LIQUID

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON CHEMISCHEN PRODUKTEN

Title (fr)

DISPOSITIF ASPIRANT PERMETTANT DE DISSOCIER DES FINES PARTICULES SOLIDES D'AVEC UN LIQUIDE

Publication

EP 0876208 A1 19981111 (FR)

Application

EP 96943189 A 19961224

Priority

- FR 9602073 W 19961224
- FR 9515877 A 19951229

Abstract (en)

[origin: WO9724180A1] A device for separating the liquid and solid constituents in a chemical reaction medium (1), comprising a metal filtering needle (12) with lateral holes (5) able to pass through polymer- or rubber-like membranes without losing their impermeability to gas (2), a source of suction (7) able to draw liquid out of an enclosed space (8), a channel for evacuating liquid (6) and an end piece (4).

IPC 1-7

B01J 19/00; **B01J 4/00**; **G01N 1/00**

IPC 8 full level

B01D 29/11 (2006.01); **B01D 35/02** (2006.01); **B01J 4/00** (2006.01); **B01J 19/00** (2006.01); **G01N 1/00** (2006.01); **C40B 60/14** (2006.01); **G01N 1/34** (2006.01)

CPC (source: EP US)

B01J 19/0046 (2013.01 - EP US); **G01N 35/1079** (2013.01 - EP US); **B01J 2219/00283** (2013.01 - EP US); **B01J 2219/00335** (2013.01 - EP US); **B01J 2219/00373** (2013.01 - EP US); **B01J 2219/00414** (2013.01 - EP US); **B01J 2219/00423** (2013.01 - EP US); **B01J 2219/005** (2013.01 - EP US); **B01J 2219/0059** (2013.01 - EP US); **B01J 2219/00596** (2013.01 - EP US); **B01J 2219/00686** (2013.01 - EP US); **C40B 60/14** (2013.01 - EP US); **G01N 1/34** (2013.01 - EP US); **Y10T 436/25375** (2015.01 - EP US); **Y10T 436/2575** (2015.01 - EP US)

Citation (search report)

See references of WO 9724180A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

FR 9602073 W 19961224; CA 2194081 A 19961227; CA 2240474 A 19961224; EP 96943189 A 19961224; FR 9515877 A 19951229; JP 35995696 A 19961227; JP 52406597 A 19961224; US 77256496 A 19961226