

Title (en)

SOLID BUOYANT MEDIA INDUCED FLOTATION

Title (de)

SCHWEBSTOFFPARTIKELINDUZIERTE FLOTATION

Title (fr)

FLOTTAISON PAR MILIEUX FLOTTANTS SOLIDES

Publication

EP 1268027 A1 20030102 (EN)

Application

EP 01907149 A 20010209

Priority

- US 0104139 W 20010209
- US 50678100 A 20000218

Abstract (en)

[origin: WO0160494A1] A clarification system for fluids in which particles are separated from the fluid by flotation and in which the buoyant media inducing the flotation is recycled. Flotation can be assisted by a flotation assistance device, such as dissolved air flotation.

IPC 1-7

B01D 21/00; B03D 1/00; B01D 21/01; B01D 21/08; B03D 3/00; C02F 1/52

IPC 8 full level

B01D 21/00 (2006.01); **B01D 24/36** (2006.01); **B03D 1/004** (2006.01); **C02F 1/24** (2006.01); **C02F 1/54** (2006.01); **C02F 1/56** (2006.01)

CPC (source: EP)

B01D 21/0042 (2013.01); **B01D 21/0045** (2013.01); **B01D 21/16** (2013.01); **B01D 21/2433** (2013.01); **B01D 21/2444** (2013.01); **B01D 21/2488** (2013.01); **B01D 24/36** (2013.01); **B03D 1/002** (2013.01); **B03D 1/004** (2013.01); **B03D 1/1412** (2013.01); **B03D 1/1431** (2013.01); **B03D 1/1481** (2013.01); **C02F 1/24** (2013.01); **B03D 2201/002** (2013.01); **C02F 1/54** (2013.01); **C02F 1/56** (2013.01)

Citation (search report)

See references of WO 0160494A1

Cited by

CN111359272A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0160494 A1 20010823; AU 3496301 A 20010827; EP 1268027 A1 20030102

DOCDB simple family (application)

US 0104139 W 20010209; AU 3496301 A 20010209; EP 01907149 A 20010209