

Title (en)

DEVICE FOR SEPARATING FLOATING COMPONENTS OUT OF A LIQUID FOR PURIFYING

Title (de)

VORRICHTUNG ZUM ABSCHIEDEN VON SCHWIMMENDEN KOMPONENTEN AUS EINER FLÜSSIGKEIT ZUR REINIGUNG

Title (fr)

DISPOSITIF DE SÉPARATION DE COMPOSANTS FLOTTANTS D'UN LIQUIDE À PURIFIER

Publication

**EP 2819786 B1 20220720 (EN)**

Application

**EP 13710611 A 20130227**

Priority

- NL 2008384 A 20120229
- NL 2013050118 W 20130227

Abstract (en)

[origin: WO2013129922A1] Device for separating out of a liquid for purifying floating components present in this liquid, comprising a container with at least one first inlet conduit on an upstream side for admitting liquid for purifying and at least one outlet conduit on a downstream side for discharging purified liquid, in which container a number of plates are placed mutually parallel at an acute angle relative to the horizontal for the purpose of allowing the liquid to flow between these plates in substantially horizontal flow direction while causing the floating components to be separated in upward direction along these plates, which device is provided with a number of mutually parallel partitions adjacently of the upper side of the plates and standing in transverse direction thereof, and is provided on the upstream side with a second inlet conduit for admitting a fluid.

IPC 8 full level

**B03D 1/24** (2006.01); **B03D 1/14** (2006.01)

CPC (source: EP)

**B03D 1/1412** (2013.01); **B03D 1/1462** (2013.01); **B03D 1/24** (2013.01)

Citation (examination)

- WO 9425136 A1 19941110 - LEDUC [BE], et al
- FR 1208537 A 19600224

Cited by

NL2023560B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013129922 A1 20130906**; EP 2819786 A1 20150107; EP 2819786 B1 20220720; NL 2008384 C2 20130902

DOCDB simple family (application)

**NL 2013050118 W 20130227**; EP 13710611 A 20130227; NL 2008384 A 20120229