

Title (en)

NOVEL FACILITY FOR TREATING WASTE WATER

Title (de)

NEUARTIGE ANLAGE ZUR BEHANDLUNG VON ABWASSER

Title (fr)

NOUVELLE INSTALLATION DE TRAITEMENT DES EAUX RESIDUAIRES

Publication

**EP 3233736 A1 20171025 (FR)**

Application

**EP 15817573 A 20151216**

Priority

- FR 1462900 A 20141219
- IB 2015059671 W 20151216

Abstract (en)

[origin: WO2016098012A1] The present invention relates to a facility for treating waste water of municipal or industrial origin, in particular a facility for primary treatment of said water, comprising a biological contact tank (1) equipped with biological rotating discs (8), which is connected upstream of a ballasted-floc physiochemical decanter (2), said decanter being at least made up of a coagulation zone (3), a flocculation zone (4), a lamellar decanting zone (5) and a thickening zone (6) and an external circuit (7) allowing the recirculation of the sludge thickened in the thickening zone (6) to the flocculation zone (4) and said biological contact tank (1).

IPC 8 full level

**C02F 1/52** (2006.01); **C02F 3/08** (2006.01)

CPC (source: EP US)

**C02F 1/5281** (2013.01 - EP US); **C02F 3/082** (2013.01 - EP US); **C02F 3/1215** (2013.01 - US); **C02F 3/1221** (2013.01 - US); **C02F 3/1247** (2013.01 - US); **C02F 3/00** (2013.01 - US); **C02F 2209/10** (2013.01 - EP US); **C02F 2209/22** (2013.01 - EP US); **C02F 2305/12** (2013.01 - EP US); **Y02W 10/10** (2015.05 - EP US)

Citation (search report)

See references of WO 2016098012A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016098012 A1 20160623**; EP 3233736 A1 20171025; FR 3030483 A1 20160624; MX 2017007934 A 20170927; PH 12017501008 A1 20171127; US 2017327394 A1 20171116

DOCDB simple family (application)

**IB 2015059671 W 20151216**; EP 15817573 A 20151216; FR 1462900 A 20141219; MX 2017007934 A 20151216; PH 12017501008 A 20170531; US 201515529810 A 20151216