

Title (en)

WASTEWATER TREATMENT PLANT AND METHOD FOR TREATING WASTEWATER, AND WASTEWATER TREATMENT SYSTEM

Title (de)

ABWASSERBEHANDLUNGSANLAGE SOWIE VERFAHREN ZUR BEHANDLUNG VON ABWASSER UND EIN ABWASSERBEHANDLUNGSSYSTEM

Title (fr)

INSTALLATION DE TRAITEMENT DES EAUX USÉES, PROCÉDÉ POUR TRAITER LES EAUX USÉES ET SYSTÈME DE TRAITEMENT DES EAUX USÉES

Publication

EP 2456723 A1 20120530 (DE)

Application

EP 10754437 A 20100723

Priority

- DE 102009027980 A 20090723
- EP 2010060749 W 20100723

Abstract (en)

[origin: WO2011009954A1] The invention relates to a wastewater treatment plant and method for treating wastewater, and to a wastewater treatment system having a plurality of filter layers disposed one under the other for purifying the wastewater, wherein at least one feeding device (200) for feeding wastewater to the filter layer (110) and at least one discharge device (300) for discharging the purified wastewater from the filter layer (110) is associated with each filter layer (110). The feeding device (200) for at least two of the filter layers (110) is directly fluidically connected to a wastewater feeding line (400) and the discharge device (300) is directly fluidically connected to an intermediate store (600), such that the unfiltered quantity of wastewater fed to each filter layer (110) can be filtered by said filter layer (110).

IPC 8 full level

C02F 3/04 (2006.01); **C02F 3/12** (2006.01)

CPC (source: EP US)

C02F 3/04 (2013.01 - EP US); **C02F 3/1242** (2013.01 - EP US); **C02F 3/327** (2013.01 - EP US); **C02F 2301/043** (2013.01 - EP US); **Y02W 10/10** (2015.05 - EP US); **Y02W 10/37** (2015.05 - EP US)

Citation (search report)

See references of WO 2011009954A1

Citation (examination)

- DE 4127477 A1 19930225 - KHS PROCESSTECHNIK GMBH [DE]
- EP 1512450 A1 20050309 - KHS MASCH & ANLAGENBAU AG [DE]

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011009954 A1 20110127; AU 2010274924 A1 20120315; DE 102009027980 A1 20110203; EP 2456723 A1 20120530; US 2012267325 A1 20121025

DOCDB simple family (application)

EP 2010060749 W 20100723; AU 2010274924 A 20100723; DE 102009027980 A 20090723; EP 10754437 A 20100723; US 201013386407 A 20100723