Title (en)

WATER PROCESSING PLANT AND A METHOD AND COMPUTER PROGRAM FOR OPERATING A WATER PROCESSING PLANT

Title (de)

WASSERAUFBEREITUNGSANLAGE SOWIE VERFAHREN UND COMPUTERPROGRAMM ZUM BETREIBEN EINER WASSERAUFBEREITUNGSANLAGE

Title (fr)

INSTALLATION DE TRAITEMENT DE L EAU ET PROCÉDÉ ET PROGRAMME INFORMATIQUE PERMETTANT L EXPLOITATION D UNE INSTALLATION DE TRAITEMENT DE L EAU

Publication

EP 2379453 A1 20111026 (DE)

Application

EP 09737420 A 20091020

Priority

• EP 2009063728 W 20091020
• DE 102008054727 A 20081216

Abstract (en)

[origin: WO2010069641A1] The invention relates to a water processing plant (10) having a filter element (11) arranged between a water inlet line (13) for raw water and a water outlet line (14) for purified water, further having a pumping device (15) for pumping through, in particular pressing and/or drawing the water through the filter element (11), at least one cleaning device (20) for the filter element (11), sensors (30, 32, 33) for detecting water properties, and a control device (25) connected to the sensors (30, 32, 33) for controlling the at least one cleaning device (20). According to the invention, the control device (25) comprises a computer program (40) for the adaptive control of the at least one cleaning device (20) and/or an adaptive change in the volume flow of the pumping device (15). Furthermore, the invention comprises a method for operating a water processing plant (10) and a computer program (40).

IPC 8 full level

C02F 1/44 (2006.01)

CPC (source: EP US)

C02F 1/444 (2013.01 - EP US); C02F 2209/006 (2013.01 - EP US); C02F 2209/02 (2013.01 - EP US); C02F 2209/03 (2013.01 - EP US); C02F 2209/11 (2013.01 - EP US); C02F 2303/16 (2013.01 - EP US)

Citation (search report)

See references of WO 2010069641A1

Designated contracting state (EPC)

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)

DE 102008054727 A1 20100617; CN 102245516 A 20111116; EP 2379453 A1 20111026; US 2012193299 A1 20120802; WO 2010069641 A1 20100624

DOCDB simple family (application)

DE 102008054727 A 20081216; CN 200980150291 A 20091020; EP 09737420 A 20091020; EP 2009063728 W 20091020; US 200913139993 A 20091020