

Title (en)
CYANURIC ACID REMOVAL

Title (de)
ENTFERNUNG VON CYANURSÄURE

Title (fr)
ÉLIMINATION DE L'ACIDE CYANURIQUE

Publication
EP 2897909 A4 20160525 (EN)

Application
EP 13838736 A 20130919

Priority
• US 201261702813 P 20120919
• US 2013060640 W 20130919

Abstract (en)
[origin: US2014076814A1] A filter media component containing activated carbon, which undesirably filters chlorine from water in an aquatic reservoir in which a minimum level of chlorine is desired to be maintained, is inserted into a fluid pumping path for water from the reservoir to reduce levels of cyanuric acid without purging the reservoir. Once levels of cyanuric acid drop below a target reduced concentration, chlorine and other required chemicals may be added to the water to restore proper water balance and increase the chlorine concentration to at least the minimum level of chlorine desired to be maintained. The process, which can be completed in a short period of time with sufficient quantities of activated carbon, need only be performed seasonally or periodically and avoids waste and potential damage associated with purging and replacing the water within the aquatic reservoir to reduce cyanuric acid levels.

IPC 8 full level
C02F 1/28 (2006.01); **E04H 4/12** (2006.01); **C02F 1/76** (2006.01); **C02F 103/42** (2006.01)

CPC (source: EP US)
C02F 1/283 (2013.01 - EP US); **E04H 4/1209** (2013.01 - EP US); **E04H 4/1245** (2013.01 - EP US); **E04H 4/1272** (2013.01 - EP US); **C02F 1/76** (2013.01 - EP US); **C02F 2103/42** (2013.01 - EP US); **Y02W 10/37** (2015.05 - EP US)

Citation (search report)
• [XY] EP 2184263 A1 20100512 - UNILEVER NV [NL]
• [YA] US 4793935 A 19881227 - STILLMAN NEIL W [US]
• See references of WO 2014047301A1

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)
US 2014076814 A1 20140320; AU 2013318037 A1 20150507; BR 112015006136 A2 20170704; CA 2886181 A1 20140327; CL 2015000702 A1 20151030; EP 2897909 A1 20150729; EP 2897909 A4 20160525; MX 2015003544 A 20151113; WO 2014047301 A1 20140327; WO 2014047301 A4 20140605

DOCDB simple family (application)
US 201314031769 A 20130919; AU 2013318037 A 20130919; BR 112015006136 A 20130919; CA 2886181 A 20130919; CL 2015000702 A 20150319; EP 13838736 A 20130919; MX 2015003544 A 20130919; US 2013060640 W 20130919