

Title (en)

METHOD AND SYSTEM FOR CLEANING A WATER SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR REINIGUNG EINES WASSERSYSTEMS

Title (fr)

PROCÉDÉ ET SYSTÈME PERMETTANT DE NETTOYER UN SYSTÈME D'EAU

Publication

**EP 2315879 A4 20150318 (EN)**

Application

**EP 09757676 A 20090603**

Priority

- FI 2009050472 W 20090603
- FI 20085555 A 20080605

Abstract (en)

[origin: WO2009147298A1] The invention relates to a method and system for cleaning a water system, especially a flowing water system (5), such as a ditch, brook or river. Typically when cleaning a water system in accordance with the invention - a filter (2, 18) is held in the water system, which filter has a filter volume (12) equipped at least partly with walls (3, 7, 24, 25, 26) of filter cloth, whereby a part of the filter cloth is held at the bottom (6) of the water system at least essentially in the direction of the bottom, whereby solid material is sedimented onto it, - water from the water system is guided into the filter volume (12) and out thereof through the filter cloth, - solid material (28) in the water system is collected into the filter volume (12), - the solid material is removed from the water system in such a way that the filter is lifted out from the water system, so that the solid material mainly stays in the filter volume of the filter, and water runs out from the filter volume through the cloth of the filter.

IPC 8 full level

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CPC (source: EP FI)

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Citation (search report)

- [XYI] US 3282430 A 19661101 - KINNE FELIX L
- [Y] US 2002066484 A1 20020606 - STRINGAM BLAIR LEWIS [US], et al
- [XA] US 2367997 A 19450123
- [XI] US 4668389 A 19870526 - ERIKSSON HANS [SE]
- [A] US 5605416 A 19970225 - ROACH GARY W [US]
- See references of WO 2009147298A1

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DOCDB simple family (publication)

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