

Title (en)

WATER TREATMENT METHOD USING PLANT INSTALLATIONS, AS WELL AS SAID PLANT INSTALLATION (PHOTO-BIOREACTOR)

Title (de)

VERFAHREN ZUR WASSERBEHANDLUNG MIT PFLANZENANLAGEN, SOWIE PFLANZENANLAGE (PHOTOBIOREAKTOR) SELBST

Title (fr)

PROCÉDÉ DE TRAITEMENT DE L'EAU AU MOYEN DE SYSTÈMES VÉGÉTAUX, ET SYSTÈME VÉGÉTAL (PHOTOBIORÉACTEUR)

Publication

EP 2858952 A1 20150415 (DE)

Application

EP 13731680 A 20130605

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- EP 2013001657 W 20130605

Abstract (en)

[origin: WO2013182309A1] The invention relates to a method for operating a plant installation for treating or purifying water, using substantially aquatic plants in at least partially closed photo-bioreactors comprising stacked culture water tanks, according to the preamble of claims 1 and 16. In order to improve the generic method and the plant installation so as to achieve better and reproducible water treatment, the invention suggests that the waste water is conducted, in a floating process passing successively from one tank to another or passing through at least some of the tanks in parallel, such that the evaporation water condensed locally along the floating course that is produced in this manner is already fed back in situ to the tanks of said floating course.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2013182309A1

Citation (examination)

- US 6105309 A 20000822 - TAKAYANAGI EIFU [JP]
- DE 60018753 T2 20060413 - DU PONT [US], et al
- DE 60038235 T2 20090409 - MEBIOL INC [JP]

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