

Title (en)

AN APPARATUS FOR TREATING SMALL RIVER WATER

Title (de)

VORRICHTUNG ZUR BEHANDLUNG VON BACHWASSER

Title (fr)

SYSTEME DE TRAITEMENT DE L EAU DE PETITS COURS D EAU

Publication

**EP 1896371 A4 20080917 (EN)**

Application

**EP 06757683 A 20060510**

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Abstract (en)

[origin: WO2006123868A1] The present invention relates to an apparatus for treating urban small river water in the path of flow of a river comprising; a pit type bath built below a river bed in the path of flow, and aeration means equipped in the pit type bath for aerating and whirling the water which flows into the pit type bath. The apparatus of the present invention has following merits; i) it does not require a large additional space. ii) it is durable against violent natural phenomena and cost-effective with simple structure and easy maintenance. The pit type bath is not easily filled up and does not need frequent maintenances since turbulent flows or whirlings exist in the bath by aeration. iii) it is compatible with environments. iv) it treats river water effectively and raises self- purificability of a river.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] KR 200323478 Y1 20030814
- [X] JP H0947605 A 19970218 - KITO KOICHI, et al
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- [A] JP H10272481 A 19981013 - KOMAKI KENSETSU KK, et al
- [A] KR 20040007372 A 20040124 - SEO SUNG MANN
- [A] JP 2004330066 A 20041125 - MIE PREFECTURE, et al
- See references of WO 2006123868A1

Citation (examination)

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