

Title (en)  
HOUSING FOR A COMPONENT OF A WATER TREATMENT SYSTEM

Title (de)  
GEHÄUSE FÜR EINE KOMPONENTE EINER VORRICHTUNG ZUR WASSERBEHANDLUNG

Title (fr)  
LOGEMENT D'UN COMPOSANT DE SYSTEME DE TRAITEMENT D'EAU

Publication  
**EP 1250184 A4 20041222 (EN)**

Application  
**EP 99963653 A 19991216**

Priority  
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• IB 9901969 W 19991216

Abstract (en)  
[origin: WO0147615A1] A water treatment apparatus utilizes membrane separation technology to separate clean product water from a contaminated water source. The water treatment apparatus comprises an external pressurized raw water source, a raw water inlet, a raw water filter, a main drive pump, a valve arrangement, water treatment means, an inverse flush system having a product accumulator tank and an inverse flow pump, a pair of separation chambers, a recirculation pump set, treated output water storage means, an external fast flush water supply, and a waste water discharge. Ducting connects these components and communicates water therebetween. A cylindrical housing formed of high density polyethylene surrounds the pump and includes a baffle plate and centering ring assembly for supporting the pump. An end plug is located in place by pins passing through holes in the plug and in the wall of the housing. A further housing of similar construction receives the membrane element and provides ports and seal arrangements which act to balance pressure across the membrane.

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**B01D 63/10** (2013.01 - EP US); **B01D 65/00** (2013.01 - EP); **B01D 2313/02** (2013.01 - EP); **B01D 2313/041** (2022.08 - EP US); **B01D 2313/21** (2013.01 - EP)

Citation (search report)  
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• [A] WO 9746305 A2 19971211 - HANEY HAROLD E [CA], et al  
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• See also references of WO 0147615A1

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