

Title (en)

MEMBRANE BIOREACTOR WASTE WATER TREATMENT METHOD

Title (de)

VERFAHREN ZUR ABWASSERBEHANDLUNG MITTELS EINES MEMRANBIOREAKTORS

Title (fr)

PROCEDE DE TRAITEMENT D EAUX RESIDUAIRES PAR BIO-REACTEUR A MEMBRANES

Publication

**EP 1542934 A2 20050622 (FR)**

Application

**EP 03798216 A 20030923**

Priority

- FR 0302796 W 20030923
- FR 0211788 A 20020924

Abstract (en)

[origin: FR2844784A1] Wastewater treatment in which excess sludge from a membrane bioreactor (1) is treated with a polyelectrolyte in a dewatering unit (4) comprises contacting the sludge with water from the dewatering unit to transfer polyelectrolyte from the water to the sludge and then recycling the water to the bioreactor and passing the sludge to the dewatering unit.

IPC 1-7

**C02F 11/14**

IPC 8 full level

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CPC (source: EP KR US)

**B01D 65/02** (2013.01 - KR); **B01D 65/08** (2013.01 - KR); **C02F 1/444** (2013.01 - KR); **C02F 3/1273** (2013.01 - EP KR US); **C02F 11/147** (2018.12 - KR); **Y02W 10/10** (2015.05 - EP US)

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**FR 2844784 A1 20040326**; **FR 2844784 B1 20041105**; AU 2003276364 A1 20040419; BR 0314842 A 20050809; CA 2500135 A1 20040408; CN 1293001 C 20070103; CN 1684913 A 20051019; DE 03798216 T1 20050929; EP 1542934 A2 20050622; ES 2239935 T1 20051016; HK 1081517 A1 20060519; JP 2006500208 A 20060105; KR 20050043986 A 20050511; MX PA05003269 A 20050705; NO 20051991 L 20050530; PL 376562 A1 20060109; RU 2005112241 A 20050910; RU 2321552 C2 20080410; TR 200502228 T3 20050822; UA 80724 C2 20071025; US 2006037909 A1 20060223; US 7135115 B2 20061114; WO 2004028986 A2 20040408; WO 2004028986 A3 20040513

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