

Title (en)  
EFFLUENT PURIFYING DEVICE

Title (de)  
ABWASSERREINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE PURIFICATION D'EFFLUENT

Publication  
**EP 1292542 A1 20030319 (FR)**

Application  
**EP 01945403 A 20010612**

Priority  
• FR 0101817 W 20010612  
• FR 0007642 A 20000615

Abstract (en)  
[origin: FR2810310A1] An effluent purification apparatus comprises: (1) a clarifying tank (I); (2) a pump delivering effluent (II) intermittently to a container (III) on top of (I); (3) metering pump(s) supplying coagulating or flocculating agents (IV) to (III); and (4) a conduit taking (II) and (IV) from (III) to a flocculation vat in (I). A sludge bed forms in the vat. (II) flows downwards and is clarified by contacting the bed.

IPC 1-7  
**C02F 1/52**; B01D 21/08; B01D 21/24

IPC 8 full level  
**C02F 3/08** (2006.01); **B01D 21/00** (2006.01); **B01D 21/01** (2006.01); **B01D 21/08** (2006.01); **B01D 24/00** (2006.01); **C02F 1/52** (2006.01); **C02F 1/56** (2006.01); **C02F 1/00** (2006.01); **C02F 1/68** (2006.01)

CPC (source: EP KR US)  
**B01D 21/0012** (2013.01 - EP US); **C02F 1/52** (2013.01 - EP KR US); **C02F 1/001** (2013.01 - EP US); **C02F 1/686** (2013.01 - EP US)

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**FR 2810310 A1 20011221**; **FR 2810310 B1 20020726**; AP 2002002686 A0 20021231; AU 6763201 A 20011224; BR 0111568 A 20040706; CA 2412487 A1 20011220; CN 1443139 A 20030917; EA 004018 B1 20031225; EA 200300022 A1 20030424; EP 1292542 A1 20030319; JP 2004503368 A 20040205; KR 20030009539 A 20030129; MA 26049 A1 20040401; US 2004025961 A1 20040212; WO 0196246 A1 20011220; ZA 200210208 B 20031130

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