

Title (en)

HOUSEHOLD EFFLUENT PURIFICATION PLANT

Title (de)

REINIGUNGSANLAGE FÜR HAUSHALTSABWASSER

Title (fr)

INSTALLATION DOMESTIQUE DE PURIFICATION D'EFFLUENTS

Publication

EP 1973851 A2 20081001 (FR)

Application

EP 07718242 A 20070109

Priority

- FR 2007050634 W 20070109
- FR 0650204 A 20060120

Abstract (en)

[origin: WO2007083053A2] Plant comprising a homogenization tank (100) equipped with a stirrer (120) and with a pumping unit (140), a connecting pipe (300) leaving the pumping unit (140) comprising an injector of reagents (310) and a static mixer (320), a second chamber (200) surmounted by a mixing tank (210) into which the connecting pipe (300, 320) opens tangentially and comprising a flocculation pan (220) above the sludge pit (230) and surmounted by a filtration chamber (240), a pipe (270) leading down to the bottom (222) of the flocculation pan (220) and a bypass pipe (160).

IPC 8 full level

C02F 1/52 (2006.01); **B01D 21/08** (2006.01)

CPC (source: EP US)

C02F 1/5281 (2013.01 - EP US)

Citation (search report)

See references of WO 2007083053A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2896433 A1 20070727; FR 2896433 B1 20080418; CA 2636415 A1 20070726; EP 1973851 A2 20081001; US 2011192780 A1 20110811; US 8048298 B2 20111101; WO 2007083053 A2 20070726; WO 2007083053 A3 20071011

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