

Title (en)
WASTE TREATMENT APPARATUS.

Title (de)
VORRICHTUNG ZUM BEHANDLEN VON ABFÄLLEN.

Title (fr)
APPAREIL DE TRAITEMENT DE DECHETS.

Publication
EP 0055705 A4 19821108 (EN)

Application
EP 81900157 A 19800702

Priority
US 8000831 W 19800702

Abstract (en)
[origin: WO8200135A1] A waste treatment apparatus providing a fluid container vessel (111) adapted to receive a waste water inflow, a clarifier (50) mounted at the central portion of the vessel providing decant means (90) for removing floating solids, aeration means (30) for introducing air bubbles into the vessel and being mounted on the lower portion of the vessel, at least one angularly disposed baffle plate (27, 28) mounted vertically above the aeration means (30) with air bubbles discharging from the aeration means striking the baffle plate to produce a circular flow around the clarifier (50) and outflow means (110) on the vessel for removing clarified water from the clarifier.

IPC 1-7
C02F 3/20

IPC 8 full level
C02F 3/12 (2006.01); **C02F 3/20** (2006.01); **C02F 3/22** (2006.01)

IPC 8 main group level
C02F (2006.01)

CPC (source: EP)
C02F 3/1247 (2013.01); **C02F 3/20** (2013.01); **C02F 3/223** (2013.01); **Y02A 20/208** (2017.12); **Y02W 10/10** (2015.05)

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US 8000831 W 19800702; AU 6649381 A 19800702; BR 8008795 A 19800702; DK 88582 A 19820301; EP 81900157 A 19800702; JP 50040781 A 19800702; NO 820654 A 19820302