

Title (en)

MATERIAL SOLUBILISER REACTOR FOR HYDROLYSIS AND/OR WET FERMENTATION AND WASTE TREATMENT PLANT WITH SUCH A SOLUBILISER AND REACTOR

Title (de)

STOFFFLÖSER, REAKTOR FÜR HYDROLYSE UND/ODER NASSROTTE UND ABFALLAUFBEREITUNGSANLAGE MIT EINEM DERARTIGEN STOFFFLÖSER UND REAKTOR

Title (fr)

DESINTEGRATEUR, REACTEUR POUR L'HYDROLYSE ET/OU LE ROUISSAGE HUMIDE ET INSTALLATION DE TRAITEMENT DES DECHETS EQUIPEE DESDITS DESINTEGRATEUR ET REACTEUR

Publication

**EP 1753538 A2 20070221 (DE)**

Application

**EP 05804736 A 20050603**

Priority

- EP 2005005993 W 20050603
- DE 102004027260 A 20040603
- DE 102004050503 A 20041015

Abstract (en)

[origin: WO2005118147A2] The invention relates to a method for the treatment of waste with organic components, whereby in standardised method steps, various material solubilisers, for dissolving the organic material in a solvent and various reactors for carrying out a hydrolysis and/or a wet fermentation are used depending on the particle size and suitable solubilisers and reactors. A suitable waste treatment plant is also disclosed.

IPC 8 full level

**B03B 9/06** (2006.01); **B01F 33/40** (2022.01); **C05F 9/02** (2006.01); **C05F 17/00** (2006.01); **C12M 1/107** (2006.01); **C02F 11/02** (2006.01)

CPC (source: EP KR US)

**B03B 9/06** (2013.01 - EP KR US); **C05F 9/02** (2013.01 - KR); **C05F 17/40** (2020.01 - EP US); **C05F 17/50** (2020.01 - EP US); **C12M 21/04** (2013.01 - EP US); **C12M 27/24** (2013.01 - EP US); **C12M 45/02** (2013.01 - EP US); **C12M 45/04** (2013.01 - EP US); **C12M 45/06** (2013.01 - EP US); **C02F 11/02** (2013.01 - EP US); **Y02E 50/30** (2013.01 - EP US); **Y02P 20/145** (2015.11 - EP US); **Y02W 30/40** (2015.05 - EP US)

Citation (search report)

See references of WO 2005118147A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005118147 A2 20051215**; **WO 2005118147 A3 20060216**; AU 2005249704 A1 20051215; BR PI0510646 A 20071120; CA 2569918 A1 20051215; EP 1753538 A2 20070221; HR P20060418 A2 20070930; IL 179797 A0 20070515; JP 2008501495 A 20080124; KR 20070037587 A 20070405; MX PA06014109 A 20070509; NO 20070051 L 20070103; RU 2006143627 A 20080720; US 2008199943 A1 20080821

DOCDB simple family (application)

**EP 2005005993 W 20050603**; AU 2005249704 A 20050603; BR PI0510646 A 20050603; CA 2569918 A 20050603; EP 05804736 A 20050603; HR P20060418 A 20061201; IL 17979706 A 20061203; JP 2007513869 A 20050603; KR 20067027944 A 20061229; MX PA06014109 A 20050603; NO 20070051 A 20070103; RU 2006143627 A 20050603; US 62835305 A 20050603