

Title (en)

METHOD FOR CONDITIONING BIOGENIC SOLID SUBSTANCES

Title (de)

KONDITIONIERUNGSVERFAHREN BIOGENER FESTSTOFFE

Title (fr)

PROCEDE DE CONDITIONNEMENT DE SUBSTANCES SOLIDES BIOGENES

Publication

**EP 1274656 A1 20030115 (DE)**

Application

**EP 01937982 A 20010410**

Priority

- DE 0101396 W 20010410
- DE 10019635 A 20000419

Abstract (en)

[origin: WO0179123A1] The aim of the invention is to provide a high calorific gas mixture that is obtained by gasifying biogenic solid substances and that is used for a combustion process, especially for use in conventional block-type thermal power stations. To this end, the product of gasification (31) is subjected to a treatment step (37) in which the solid portions contained in the product of gasification (31) are precipitated and in which the condensable portions of the product of gasification (31) mix with a liquid phase already present. The precipitated solid substances and the contaminated liquid phase are then subjected to a biological purification process and the purified gas (38) is used for combustion.

IPC 1-7

**C02F 11/00**; B01D 53/84; C02F 11/10; C02F 11/04

IPC 8 full level

**C02F 11/04** (2006.01); **C02F 11/10** (2006.01)

CPC (source: EP)

**C02F 11/04** (2013.01); **C02F 11/10** (2013.01); **C12M 21/04** (2013.01); **C12M 43/08** (2013.01); **C12M 47/00** (2013.01); **C12M 47/14** (2013.01); **Y02W 10/40** (2015.05)

Citation (search report)

See references of WO 0179123A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0179123 A1 20011025**; AU 6375801 A 20011030; DE 10191419 D2 20030430; EP 1274656 A1 20030115

DOCDB simple family (application)

**DE 0101396 W 20010410**; AU 6375801 A 20010410; DE 10191419 T 20010410; EP 01937982 A 20010410