

Title (en)
IMPROVED WASTE TREATMENT

Title (de)
ABFALLBEHANDLUNG

Title (fr)
TRAITEMENT DE DECHETS AMELIORE

Publication
EP 1427548 A1 20040616 (EN)

Application
EP 02758642 A 20020919

Priority
• GB 0204263 W 20020919
• GB 0122729 A 20010920

Abstract (en)
[origin: WO03024633A1] An autoclave (2) is charged with waste material to be treated and supplied with steam from a steam accumulator (18) to produce in the autoclave a temperature in excess of 130 DEG C at a pressure in excess of 2 bar for at least 20 minutes whilst the waste material is processed. The autoclave rotates and vanes (31) in its interior, together with said rotation, help the steam to treat the material, which after removal from the autoclave is conveyed to a rotary screen (3) to separate out particles of the treated material having a size less than 25 mm. A steam generation system incorporating the steam accumulator is preferably used with the autoclave to allow the waste material to operate efficiently.

IPC 1-7
B09B 5/00; **A61L 11/00**

IPC 8 full level
A61L 11/00 (2006.01); **B03B 1/00** (2006.01); **B03B 9/06** (2006.01); **B09B 3/00** (2006.01); **B09B 5/00** (2006.01); **F01K 23/06** (2006.01)

CPC (source: EP US)
A61L 11/00 (2013.01 - EP); **B03B 1/00** (2013.01 - EP); **B03B 9/06** (2013.01 - EP); **B09B 3/00** (2013.01 - EP); **B09B 3/38** (2022.01 - US); **B09B 3/45** (2022.01 - EP US); **B09B 5/00** (2013.01 - EP); **F01K 23/067** (2013.01 - EP); **Y02E 20/18** (2013.01 - EP)

Citation (search report)
See references of WO 03024633A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03024633 A1 20030327; CA 2460730 A1 20030327; EP 1427548 A1 20040616; GB 0122729 D0 20011114; ZA 200402411 B 20050329

DOCDB simple family (application)
GB 0204263 W 20020919; CA 2460730 A 20020919; EP 02758642 A 20020919; GB 0122729 A 20010920; ZA 200402411 A 20040326