

Search history

Search 1: TAC=(auger and screw and steam) (Results 263)

Search 2: TAC=(1 and sterilizing) (Results 7)

Title: CLOSED STERILIZATION SYSTEM FOR TREATING A PRODUCT SUCH AS TOXIC OR INFECTIOUS WASTE

Abstract: The present invention relates to a closed sterilization system including an infeed device (100) for receiving a toxic product, first preparing means (300) for rendering the toxic or infectious product suitable for sterilization, sterilization means (800) for **sterilizing** the product, combustion means (900) for incinerating the **sterilized** product from the **sterilizing** means (800), and conveying means (18) for conveying the **sterilized** product from the **sterilizing** means (800) into the combustion means (900). The system further includes a first isolating means (700) positioned between the first preparing means (300) and the inlet of the **sterilizing** means (800) for isolating the product in the **sterilizing** means (800) from the product in the first preparing means (300). Second isolation means (710) are also positioned between the outlet of the **sterilizing** means (800) and the conveying means (18) for isolating the **sterilized** product from the product in **sterilizing** means (800). The first and second isolating means (700, 710) include a housing (701) having an inlet (50) and an outlet (60), conveying means (702, 703) disposed within the housing (701) for moving the product from the inlet (50) to the outlet (60) and for isolating the product being discharged from the outlet (60) from the product being received in the inlet (50).

Classifications:

International (IPC 8-9): A61L11/00 B09B3/00 F23G5/02 F23G5/14 F23G5/32 (Advanced/Invention);

A61L11/00 B09B3/00 F23G5/02 F23G5/14 F23G5/32 (Core/Invention)

International (IPC 1-7): A61L2/00 A61L9/00 B65G33/00 F16J15/00

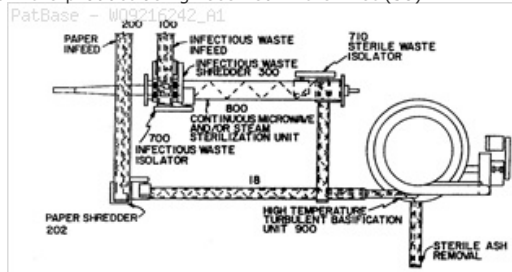
F16J15/16 F16J15/40 F23D11/44 F23G5/00 F23J1/00 G01N23/00

CPC: A61L11/00 B09B3/0075 F23G5/02 F23G5/14 F23G5/32

F23G2201/80 F23G2209/20 Y02E20/12

European: A61L11/00 B09B3/00M F23G5/02 F23G5/14 F23G5/32

R23G201/80 R23G209/20 Y02E20/12



Family:

Publication number	Publication date	Application number	Application date
AU199216451 A1	19921021	AU19920016451	19920312
WO9216242 A1	19921001	WO1992US01745	19920312

Priority:

US19910699449 19910313 WO1992US01745 19920312

Probable Assignee: SERAWASTE SYSTEMS CORP

Assignee(s): (std): SERAWASTE SYSTEMS CORP

Inventor(s): (std): WALKER DAVID RAY

Inventor(s): DAVID RAY WALKER

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IT JP KP KR LK LU MC MG ML MN MR MW NL NO PL RO RU SD SE SN TD TG

6) Family number: 40833316 (DE102007006817A1)

© PatBase

Title: POURABLE PRODUCT **STERILIZING** DEVICE, HAS CONTAINER FOR HEATING PRODUCT USING HEAT DISTRIBUTION MEDIUM, PREFERABLY THERMAL OIL, AND COMPRISING **SCREW** CONVEYOR FOR CONVEYING AND MIXING PRODUCT IN CONTAINER

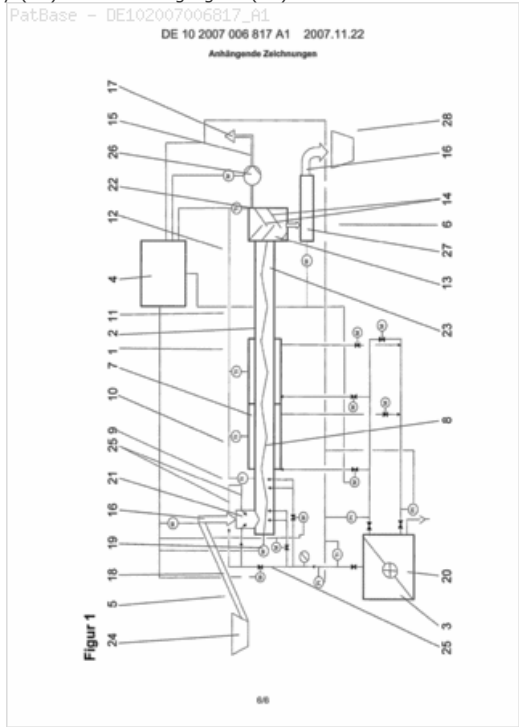
Abstract: The device (1) has a container (2) for heating a pourable product (23) using a heat distribution medium (7), preferably thermal oil. The container has a **screw** conveyor (8) for conveying and mixing the product in the container. The container has a set of sections (9-12) with different temperature control. A cooling container (13) is provided downstream to the container (2), where the cooling container includes an impact body (14) and a cooling agent (15).

Classifications:

International (IPC 8-9): A61L2/04 A61L2/07 (Advanced/Invention);
A61L2/04 (Core/Invention)

CPC: A61L2/04 A61L2/07

European: A61L2/04 A61L2/07



Family:

Publication number	Publication date	Application number	Application date
DE102007006817 A1	20071122	DE200710006817	20070207

Priority:

DE200610006188 20060209 DE200710006817 20070207

Probable Assignee: CZIELUCH WOLFGANG

Assignee(s): (std): CZIELUCH WOLFGANG

Inventor(s): (std): CZIELUCH WOLFGANG