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(71) Applicant and
(72) Inventor: **MYSLOWSKI, Wledzimierz** [PL/PL]; ul. Skalna 50, 43-300 Bielsko-Biala (PL).

(74) Agent: **RYGIEL, Andrzej**; Kancelaria Raecznika Patentowego, P-102, PL-43-301 Bielsko-Biala (PL).

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(54) Title: METHOD FOR UTILIZING LIQUIED WASTES IN PARTICULAR THOSE THAT ARE TOXIC AND HARMFUL

(57) Abstract: The invention provides a method for utilizing liquid wastes, especially those that are toxic and harmful an in particular those in the form of sludge, sewage, paste and liquids. In the method provided by the invention a tank in which there is negative pressure is filled up to 50% of its capacity with liquid chemical wastes in the form of paint sludge. The tank is made to move with rotary motion and the sludge inside is treated with superheated steam at 150°C until the sludge is turned into granulated material, after which sulphur polymer is injected into the tank being in continous motion. The motion of the tank and the injection of sulphur polymer are stopped after the granulated waste is completely coated with sulphur polymer. The granulated waste with sulphur polymer coating is poured into drums or moulded into construction elements.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C02F11/00 C02F11/12 B01J2/00 B01J2/12 C04B28/36
//C02F103:14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C02F B01J C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DÜRR HERBERT: "Trocknen von Lackschlämmen mit überhitzten Dampf in Mischreaktoren mit drehenden Behältern" FARBE + LACK, vol. 100, no. 8, August 1994 (1994-08), pages 621-625, XP001105881 Hannover the whole document ---	1
Y	EP 0 437 874 A (AARDELITE HOLDING BV) 24 July 1991 (1991-07-24) column 1, line 27 -column 2, line 9; claims 1-6; figures 1,2 ---	1
Y	US 5 562 589 A (ADAMS HAROLD W) 8 October 1996 (1996-10-08) column 1, line 63 -column 2, line 12 column 3, line 55 -column 4, line 30 ---	1
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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
26 September 2002	14/10/2002

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Borello, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) -& JP 11 019917 A (MITSUI ENG &SHIPBUILD CO LTD), 26 January 1999 (1999-01-26) abstract	1

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