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(54) **Device and method for removing and utilization of paint coating material and/or waste painting material**

(57) A device for removing and utilization of paint coating material and/or waste painting material and/or lacquer is provided with a chamber (30) with a system of carrying away products of utilization and adapted for placing inside lacquer and/or paint wastes and/or elements to be cleaned and covered by paint and/or lacquer deposits or layers. The chamber made as a reaction chamber (30) has at least one heating part (32) equipped with a heating arrangement (50) and at least one reaction part (31) having space adapted for placing inside lacquer and/or paint wastes and/or elements to be cleaned and

covered by paint and/or lacquer deposits or layers. The process of desiccation, gasifying or de-gasification of the lacquer deposits or wastes is run in the reaction part (31), which is connected through after-reaction gas collectors to installation for purifying and carrying away products of desiccation, de-gasification and gasifying of paint coating material and/or waste painting material to atmosphere. The heating part (32) and the reaction part (31) are separated by a fire-resisting barrier (38) provided with a set of openings (47) joining the heating part (32) and the reaction part (31).

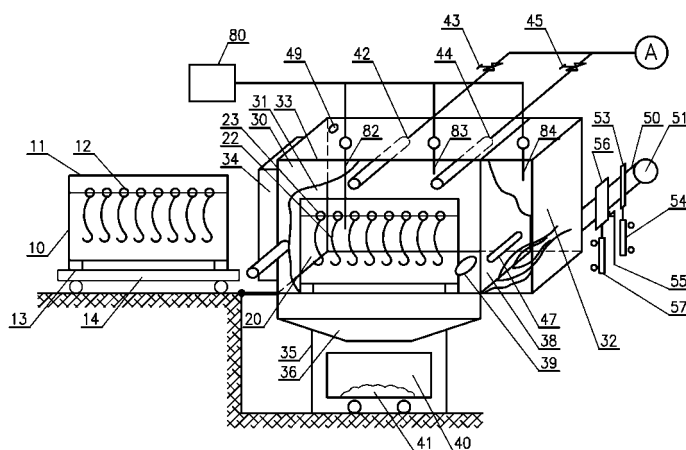


Fig.1A



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 07 11 6524

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	DE 41 28 043 A1 (EWALD SCHWING VERFAHRENSTECHNI [DE]) 16 July 1992 (1992-07-16) * column 3, line 47 - column 4, line 12; figure 1 *	1-10	INV. F23G5/027 F23G7/00 F23G5/12 F23G5/16 F23J15/02
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A	EP 0 381 264 A (KEERSMAEKERS MARC) 8 August 1990 (1990-08-08) * column 2, line 27 - line 54; claim 1; figure 1 *	1-10	
P,A	WO 2006/105236 A (NOWACK WILLIAM [US]) 5 October 2006 (2006-10-05) * page 1, line 2 - line 5 * * page 6, line 17 - line 25 * * page 14, line 2 - line 24 * * figures 1-3,6 *	1-10	TECHNICAL FIELDS SEARCHED (IPC) F23G F23J
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 June 2008	Examiner Coquau, Stéphane
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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