



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 832 696 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.01.2000 Bulletin 2000/04

(51) Int. Cl.⁷: **B08B 3/00**

(43) Date of publication A2:
01.04.1998 Bulletin 1998/14

(21) Application number: **97200580.5**

(22) Date of filing: **27.02.1997**

(84) Designated Contracting States:
BE CH DE DK ES FR GB LI

(30) Priority: **30.09.1996 IT TO960799**

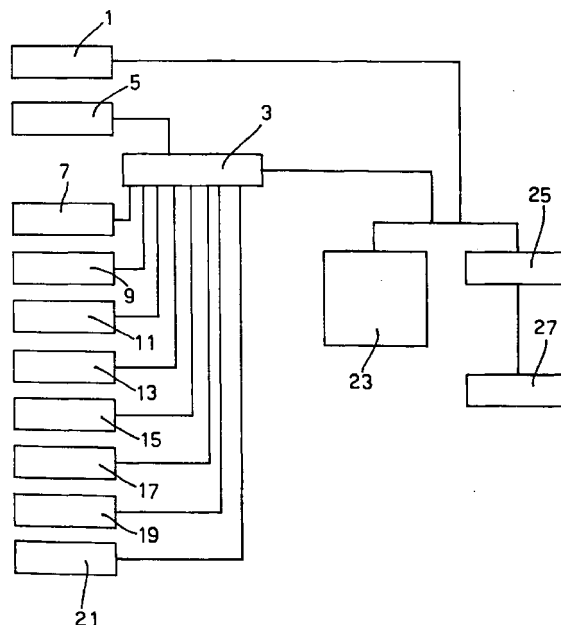
(71) Applicant:
R.E.A. s.n.c. di Sassi e Baudin & C.
10028 Trofarello (Torino) (IT)

(72) Inventors:
• **Sassi, Virginio**
10024 Moncalieri (Turin) (IT)
• **Sassi, Stefano**
10024 Moncalieri (Turin) (IT)

(74) Representative:
Robba, Eugenio et al
Studio "INTERPATENT"
via Caboto 35
10129 Torino (IT)

(54) **Flushing, sanifying, pickling and degreasing system using steam**

(57) Flushing, sanifying, pickling and degreasing system using steam, composed of a unit equipped with a saturated, high temperature steam source (1); in parallel, a water circuit (5) supplies a water mixing system (3) with detergents (7), pickling agents, phosphating agents (9), protective agents (11) and the like; everything, saturated steam plus mixture, used downstream of the unit as desired in an automatic plant (23) or by means of a handle (25) that allows an operator to choose operation type and mixture type.



EP 0 832 696 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 20 0580

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 3 687 156 A (MINICH PAUL R JR ET AL) 29 August 1972 (1972-08-29) * abstract; figures 1,2 *	1	B08B3/00
Y	* column 1, line 38 - line 52 * * column 1, line 64 - column 2, line 34 * * column 3, line 13 - column 5, line 5 * ---	2	
Y	US 4 235 642 A (FEDERIGHI GEORGE B ET AL) 25 November 1980 (1980-11-25) * abstract; figures 3,5,6 * * column 1, line 25 - column 2, line 7 * -----	2	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6) B08B B60S C23G A47L
Place of search THE HAGUE		Date of completion of the search 13 October 1999	Examiner Plontz, N
CATEGORY OF CITED DOCUMENTS 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 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			

EPO FORM 1503 03.82 (P4/C01)

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

EP 97 20 0580

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-10-1999

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3687156	A	29-08-1972	NONE	
US 4235642	A	25-11-1980	NONE	