



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**13.05.2009 Bulletin 2009/20**

(51) Int Cl.:  
**B08B 3/00** (2006.01) **B08B 3/02** (2006.01)  
**B08B 3/04** (2006.01) **B08B 7/04** (2006.01)

(43) Date of publication A2:  
**25.06.2008 Bulletin 2008/26**

(21) Application number: **07012564.6**

(22) Date of filing: **27.06.2007**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR**  
Designated Extension States:  
**AL BA HR MK RS**

(71) Applicant: **WAB SRL**  
**43029 Traversetolo (PR) (IT)**

(72) Inventor: **Salvi, Vittorio**  
**42026 Ciano d'Enza di Canossa (Regio Emilia) (IT)**

(74) Representative: **Lecce, Giovanni**  
**Dott. Giovanni Lecce & C. S.r.l.**  
**Via Fratelli Ruffini, 9**  
**20123 Milano (IT)**

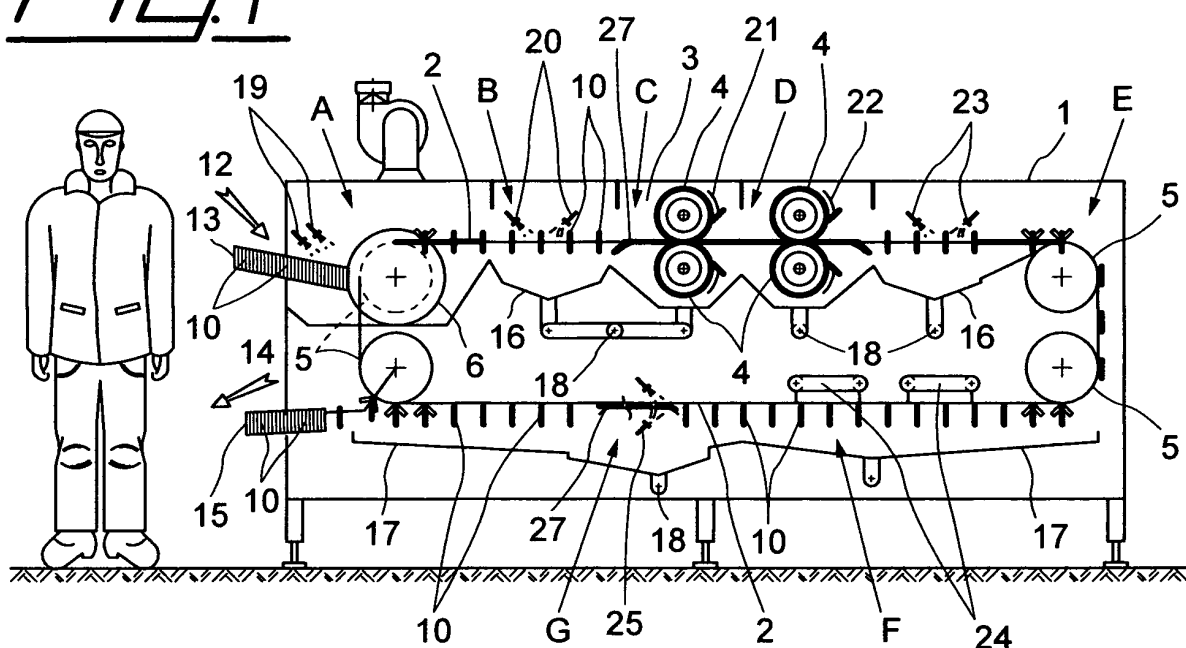
(30) Priority: **20.12.2006 IT RE20060156**

(54) **Cleaning machine for tubes supporting long alimentary pastas**

(57) A cleaning machine for tubes (10) for supporting long alimentary pastas comprises a pair of parallel conveyors (2) on which the ends (9) of the tubes themselves engage which, free from the load, are conveyed through cleaning and washing stages (A, B) and at least one cleaning stage (C, D) each consisting of pairs of parallel

roll brushes (4) associated to sprayers (21, 22) of hot water and/or detergent fluids. The machine with one or more cleaning stages (C, D), with horizontal vertical orientation, can be independent of the production units (O) with manual loading/unloading, or combined therewith with automatic loading/unloading and sizing depending on the available spaces.

**Fig. 1**





## EUROPEAN SEARCH REPORT

Application Number  
EP 07 01 2564

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 195 09 256 A1 (ESTERMANN SIMON BORIS [DE]) 12 September 1996 (1996-09-12) * column 2, line 2 - column 3, line 67 *	1,3,4	INV. B08B3/00 B08B3/02 B08B3/04 B08B7/04
Y	*the same passage* -----	1	
Y	EP 0 788 742 A (NESTLE SA [CH] NESTLE SA) 13 August 1997 (1997-08-13) * column 1, line 3 - line 23 *	1	
A	US 2005/273955 A1 (ROGUS THOMAS E [US]) 15 December 2005 (2005-12-15) * paragraphs [0016] - [0023] *	1,3-6	
A	DE 35 06 556 A1 (WEDEKIND OSCAR VON) 4 September 1986 (1986-09-04) * column 3, line 3 - line 18 * * column 4, line 13 - column 6, line 7 * -----	1,3,4,7	
			TECHNICAL FIELDS SEARCHED (IPC)
			B08B A23L F26B A21C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 April 2009	Examiner Militzer, Ernest
<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 ..... &amp; : member of the same patent family, corresponding document</p>			

2

EPO FORM 1503 03.82 (P04C01)

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

EP 07 01 2564

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.

06-04-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19509256	A1	12-09-1996	NONE
-----			
EP 0788742	A	13-08-1997	AU 706559 B2 17-06-1999
		AU 1253797 A	14-08-1997
		BR 9700914 A	01-09-1998
		CA 2195464 A1	10-08-1997
		CH 690056 A5	14-04-2000
		CN 1164335 A	12-11-1997
		CZ 9700353 A3	15-10-1997
		HU 9700378 A2	28-05-1998
		ID 18100 A	05-03-1998
		JP 9215467 A	19-08-1997
		PL 318368 A1	18-08-1997
		RU 2165705 C2	27-04-2001
		SK 16897 A3	10-09-1997
		US 5791064 A	11-08-1998
		ZA 9700866 A	03-08-1998
-----			
US 2005273955	A1	15-12-2005	WO 2006001937 A1 05-01-2006
-----			
DE 3506556	A1	04-09-1986	NONE
-----			