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## **EUROPEAN PATENT APPLICATION**

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#### (54) System for cleaning a ship side

(57) The invention relates to a pump unit (1) and a cleaning head (2) connected to the pump unit (1), for cleaning a ship side (4) of a ship which is placed on a wharf or in a dry-dock (5). During cleaning, the cleaning

head (2) is manually moved back and forth along the ship side (4), while the pump unit (1) supplies the cleaning head (2) with a cleaning liquid under high pressure and at the same time drains away cleaning liquid with fouling, removed from the ship side.

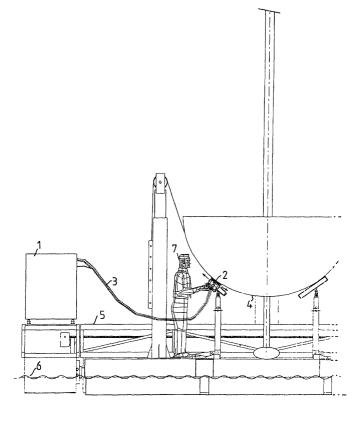


FIG.1



# **EUROPEAN SEARCH REPORT**

Application Number

EP 02 07 5763

	DOCUMENTS CONSID	ERED TO BE RELEVANT			
Category	Citation of document with it of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)	
X	US 5 628 271 A (MCC 13 May 1997 (1997-6 * column 8, line 6- * column 10, line 9	95 <b>-</b> 13) -37 *	1-4,8	B63B59/06 //B08B3/02	
Х	DE 32 29 720 A (HAM 16 February 1984 (1 * page 8, line 17 - figures 1,2 *	L984-02-16)	1-5		
X	US 4 168 562 A (MAA 25 September 1979 ( * column 4, line 26	(1979-09-25)	1-4,9		
X	1 March 1983 (1983-	_IGMAN PETER F ET AL) -03-01) 3 - column 4, line 12 *			
Α	i iyures 2,5 "		3,4,9		
A	WO 99 33388 A (NAM (KR)) 8 July 1999 ( * figures 1,5 *	KWANG WOO ;OH IL MOOK (1999-07-08)	1,4-6	TECHNICAL FIELDS SEARCHED (Int.CI.7)	
А	DE 100 04 343 A (ST PROFIG) 3 August 20 * figures 1,4 *	FORCH MALERWERKZEUGE & 1000 (2000-08-03)	1-5,9	B63B B08B E04H A47L	
A	DE 42 20 599 A (REM 13 January 1994 (19 * figure 3B *	 MMERS CHEMIE GMBH & CO) 994-01-13)	5,6		
	The present search report has	been drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	MUNICH	13 August 2003	Ver	rmeulen, T	
X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotiment of the same category nological background written disclosure rmediate document	E : earlier patent o after the filling d her D : document cite L : document cite	iple underlying the idocument, but publicate d in the application of for other reasons	shed on, or	

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

EP 02 07 5763

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.

13-08-2003

	Patent documer cited in search rep		Publication date		Patent fam member(s		Publication date
US	5628271	Α	13-05-1997	US US	6425340 2003000445		30-07-2002 02-01-2003
DE	3229720	Α	16-02-1984	DE	3229720	A1	16-02-1984
US	4168562	Α	25-09-1979	DE	2700595	A1	13-07-1978
US	4375451	Α.	01-03-1983	NONE			
WO	9933388	Α	08-07-1999	KR AU WO	169109 1693999 9933388	Α	02-03-2000 19-07-1999 08-07-1999
DE	10004343	Α	03-08-2000	DE US	10004343 2001052188		03-08-2000 20-12-2001
DE.	4220599	Α	13-01-1994	DE	4220599	A1	13-01-1994

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82