

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **85830133.6**

51 Int. Cl.⁴: **B 63 B 59/06**

22 Date of filing: **04.06.85**

30 Priority: **22.06.84 IT 8337384**

71 Applicant: **VIANOVA S.p.A., n.12 Via Duca D'Aosta, I-34074 Monfalcone (Gorizia) (IT)**

43 Date of publication of application: **27.12.85**
Bulletin 85/52

72 Inventor: **Scuderi, Rosario, via Duca d'Aosta 12, I-34074 Monfalcone (Gorizia) (IT)**
 Inventor: **Lumachi, Piero, via Duca d'Aosta 12, I-34074 Monfalcone (Gorizia) (IT)**
 Inventor: **Bolcato, Enzo, via Duca d'Aosta 12, I-34074 Monfalcone (Gorizia) (IT)**

84 Designated Contracting States: **AT BE CH DE FR GB LI LU NL SE**

74 Representative: **D'Agostini, Giovanni, Dr., D'AGOSTINI ORGANIZZAZIONE n. 17 via G.Giusti, I-33100 Udine (IT)**

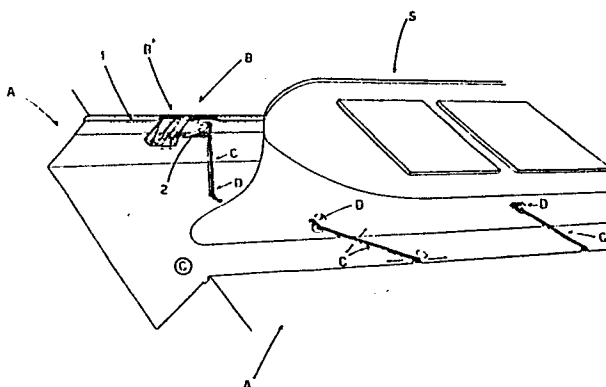
88 Date of deferred publication of search report: **09.09.87 Bulletin 87/37**

54 **Method and robot platform for washing, sandblasting and painting in shipbuilding dry dock.**

57 A robot platform for washing, sandblasting and painting in shipbuilding dry dock, comprising three operative units respectively: washing unit with washing nozzles (13), sandblasting unit with sandblasting guns (8) provided with dust recovery means (10), and painting unit on trolley means which moves backwards and forwards at one side of the platform (11) provided with respective spray guns (12);

– at least one robot computerized control and programming unit and detecting means of the surface to be treated (15) in order to remote-control and move automatically or by operator the above-described assembly for performing the washing, sandblasting, and painting operations on the correspondent broadside surface of the vessel concerned (S).

Said structure is particularly useful for the automation of the plant thereby dispensing with the need for labor on the platform with all the attendant economical, ecologic, and safety advantages.





EP 85830133.6

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.4)
Y	DE - A1 - 3 027 677 (HAMMELMANN) * Fig. 2,3,4; page 12, lines 1-16 --	1,4,7,8	B 63 B 59/06
Y	DE - A - 1 577 821 (LEISTNER) * Claims 1,7 * --	1,4,7,8	
A	FR - A1 2 324 490 (MAASTRICHTSE MACHINEFABRIEK DELNOZ B.V.) * Fig. 3,6,7; page 2, lines 17-31 * --	1,7,8	
A	US - A - 4 445 451 (VAN DEN BROEK) * Totality * --	1,7	
A	DE - A1 - 2 849 040 (HAMMELMANN) * Fig. 1,2,8 * --	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 63 B B 63 C B 08 B B 24 C
A	DE - B - 2 134 281 (HAMMELMANN) * Totality * --	1	
A	DE - A - 1 659 653 (CAMMEL LAIRD LTD.) * Totality * ----	1	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 25-06-1987	Examiner SCHMICKL
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	