

Title (en)
NOZZLES FITTED ON BAR MECHANISM FOR TREATING STEEL SURFACES

Title (de)
AUF EINEM QUERVERBINDUNGSMECHANISMUS BEFESTIGE DÜSEN ZUR BEHANDLUNG VON METALLOBERFLÄCHEN

Title (fr)
MONTAGE D'AJUTAGES SUR UN MECANISME A BARRE POUR LE TRAITEMENT DE SURFACES METALLIQUES

Publication
EP 0948423 A1 19991013 (EN)

Application
EP 97926156 A 19970620

Priority
• GR 9700020 W 19970620
• GR 96100209 A 19960621

Abstract (en)
[origin: WO9748527A1] The metallic surfaces (17-47) will be cleaned either with water blast or with sand/grit blast, or with both of them. A crane-carrying vehicle will be provided (1) (35-43-40-51) with retracting arms (2) and one cabin (6) on the extremity of the arms where is fitted, at the lower, front, starboard and portside, a steel-made bar (7) the shape of which will correspond to the surface being cleaned up. The bar will be provided with a big number of guns (8) (waterblast) or of nozzles-injectors (8) (sand/grit blast-painting) of varying bores, as the case may be. Also, it will be possible to be fitted, as an alternative, in the place of the guns or of the nozzles-injectors, turning discs (8.20-21-22-23-24-25-26-27-28) which will be, in turn, fitted with nozzles or guns, as the case may be. The entire system will hydraulically, robot-electrically, mechanically or hydropneumatically clean up very quickly big areas (17-47). There will also be provided a system or a compressed air system (water shot) (11) or a compressed air (11) and mortar suction system (sand/grit blast), water (waterblast) (12-13-14-15-16. The sand/grit blasting bottle (29) will be with less hoses (1) at the outlet 54 of 1,5" up to 3" in diameter. The painting of the paint pump (30) will be of higher output and discharge rate. The drums of paint (32) will lend easier the carriage of paints. There will also be provided a plate (31) which will accept, through an automatic operation, from 1 to 10 cables. The cranes (35-51) will be provided with a first aid box, a stretcher, fire protection and elevator (44).

IPC 1-7
B24C 3/06; **B24C 5/02**; **B08B 9/093**; **B08B 3/02**; **B63B 59/10**; **A62C 31/02**

IPC 8 full level
B08B 3/02 (2006.01); **B08B 9/093** (2006.01); **B24C 3/06** (2006.01); **B24C 5/02** (2006.01); **B63B 57/00** (2006.01); **B63B 59/06** (2006.01)

CPC (source: EP)
B08B 3/024 (2013.01); **B08B 9/0936** (2013.01); **B24C 3/06** (2013.01); **B24C 3/062** (2013.01); **B24C 5/02** (2013.01); **B24C 7/0084** (2013.01); **B24C 11/005** (2013.01); **B63B 57/00** (2013.01); **B63B 59/06** (2013.01); **B08B 2203/0229** (2013.01)

Citation (search report)
See references of WO 9748527A1

Cited by
CN102615075A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9748527 A1 19971224; AU 3103397 A 19980107; EP 0948423 A1 19991013; GR 1002685 B 19970502

DOCDB simple family (application)
GR 9700020 W 19970620; AU 3103397 A 19970620; EP 97926156 A 19970620; GR 960100209 A 19960621