

Title (en)
NONREACTIVE HYDRODYNAMIC TOOL FOR SURFACE CLEANING

Title (de)
NICHT-REAKTIVES HYDRODYNAMISCHES WERKZEUG ZUM REINIGEN VON OBERFLÄCHEN

Title (fr)
OUTIL HYDRODYNAMIQUE NON REACTIF DESTINE AU NETTOYAGE DE SURFACES

Publication
EP 1216762 A4 20021002 (EN)

Application
EP 99956371 A 19990809

Priority
RU 9900278 W 19990809

Abstract (en)
[origin: EP1216762A1] The invention relates to the techniques of hydrodynamic cleaning of underwater surfaces of various facilities. The invention makes it possible to improve the service performance of a nonreactive hydrodynamic surface cleaning tool. The inventive tool is comprised of a body with handle (1) containing channels (2) for feeding a working fluid. The barrel (3) is connected to the body with handle (1) and to a working jet (4). A protective bar (5) and a connector (6) are mounted on the body with handle (1). Said channels (2) communicate with a high-pressure source through said connector (6). The body with the handle (1) is provided with a working fluid flow regulator (8) which comprises a lever (9). The free end of the barrel (3) comprises a mouthpiece (10). The nozzle (4) is mounted on said mouthpiece (10). A high pressure chamber is mounted behind the face of the barrel (3). A nozzle mounted on the mouthpiece (10) comprises control openings. An ejector is formed by crossing channels made around the face of the barrel (3). The nozzle comprises an ejector regulator having the shape of a control ring, which includes openings interacting with the control openings of the nozzle. A support bracket is mounted on the ejector regulator. The axis (20) of the barrel (3) can follow a straight line or a curve. <IMAGE>

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Citation (search report)

- [A] US 3256642 A 19660621 - FONTI ROCCO P
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 223 (M - 247) 4 October 1983 (1983-10-04)
- See references of WO 0110577A1

Cited by
CN106944393A; CN110313704A; WO2018171693A1

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