Title (en)

EQUIPMENT FOR THE TREATMENT OF CYLINDRICAL HOLLOW STRUCTURES BY MEANS OF BLAST CLEANING

Publication

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Application

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Priority

FI 813064 A 19811002

Abstract (en)

[origin: WO8301220A1] It is known in prior art to treat the inside face of a pipe by means of a so-called spear device, which is provided with one or several nozzles, whereby, when the nozzles progress axially in relation to the pipe to be treated, this pipe is, at the same time, by means of a rotating device, made to revolve around its axis. This prior-art solution, however, involves the drawback that the blasting sand tends to remain in the pipe, from where it must be removed by means of separate compressed-air blowing. According to the invention, a combined transfer and rotating device is used which comprises two wheel sets (2 to 8) placed side by side, the structure (1) to be treated resting and being rotatable around its own axis on the said wheel sets. When the angular position of the wheels (2) in the wheel sets is changed, the rotating device is converted into a transfer device, by means of which the structure (1) to be treated can be shifted into and out of the blast chamber. The equipment includes a spear device (23), which comprises two blasting spears, by means of which both inside and outside cleaning of the structure (1) to be treated can be performed simultaneously.

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