

Title (en)

PROCESS AND APPARATUS FOR THE PREVENTION OR REMOVAL AS APPROPRIATE OF BLOCKAGES IN THE OUTLET REGION OF A CYCLONE HEAT-EXCHANGER

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0406481A1] What is proposed is an apparatus for the prevention or removal of blockages in essentially vertically arranged enclosed spaces, such as, for example, cyclone heat exchangers (1-2) for the cement industry. In the region of the outlet (10, 11) of the closed space, there is a tool which can be introduced periodically from outside into the inner region of the flow-off by translational movement. The translational movement is executed violently by means of a pneumatic or hydraulic cylinder. The apparatus has a lance-shaped tool (20) which is equipped in the region of its free end with a boring head (36). An alternating to-and-fro rotational movement having an angle of rotation of less than 360 DEG can be superposed on the translational movement. The boring head (36) itself consists of an exchangeable cutter (37) having a plurality of tearing teeth (38) arranged above it. <IMAGE>

IPC 1-7

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Cited by

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