

Title (en)
Method and device for cleaning ducts

Title (de)
Verfahren und Vorrichtung zur Reinigung von Rohren

Title (fr)
Procédé et dispositif de nettoyage de conduits

Publication
EP 0795360 A1 19970917 (FR)

Application
EP 97400531 A 19970311

Priority
FR 9603076 A 19960312

Abstract (en)
The procedure for maintaining the walls of a channel includes projecting a peel-able film on to the walls. After a certain period of use this film is then mechanically removed together with the accumulation of grease, dirt and dust and these particles are blown out of the conduit. Both the application of this film, and the subsequent removal are carried out by a remotely controlled robot (1) with a microprocessor programmed to control different elements of the robot. The microprocessor is connected to an external station for control of the robot and inspection of the channel. The robot carries lights, and a video camera system for transmission of video images from the robot back to the remote monitoring station. The robot comprises a central body with driving wheels mounted on pivoting arms to run against the internal surfaces of the conduit.

Abstract (fr)
Procédé et dispositif de nettoyage de conduits, tels que des conduits de fumée. Le procédé consiste à projeter un film de protection dans la canalisation puis, après qu'il ait reçu des salissures, à le désagréger à l'aide d'un robot télécommandé (1) à bras articulés (2). <IMAGE>

IPC 1-7
B08B 17/04; **B08B 7/00**; **B08B 9/04**

IPC 8 full level
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CPC (source: EP)
B08B 7/0014 (2013.01); **B08B 9/04** (2013.01); **B08B 9/049** (2013.01); **B08B 17/04** (2013.01)

Citation (search report)
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• [A] WO 9310004 A1 19930527 - JOHNSON & SON INC S C [US]
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