

Title (en)

Heating assembly for getter pumps and gas purifiers

Title (de)

Heizungsaufbau für Getterpumpen und Gasreiniger

Title (fr)

Assemblage chauffant pour des pompes à sorbeur et des purificateurs de gaz

Publication

EP 0742370 B1 19990317 (EN)

Application

EP 96830262 A 19960507

Priority

IT MI950954 A 19950511

Abstract (en)

[origin: EP0742370A1] A heating assembly for getter pumps and gas purifiers, wherein a heating element (14) is housed in a sheath (50) formed with a wall portion of the chamber (112) of the pump comprising the heating element (14) mounted on a first flange (10); a second flange (40) on which the wall portion of the pump chamber is mounted which provides the sheath (50) for housing the heating element (14), with at least one gasket (30) being inserted for the gas-tight sealing between the first and the second flange (10; 40) coupled to each other. The heating element (14) is placed in a chamber (124) defined by the two flanges (10; 40) and gasket (30), in an air-tight condition with respect to the environment. Preferably the first flange (10) is made of a thermosetting plastic material. <IMAGE>

IPC 1-7

F04B 37/02

IPC 8 full level

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CPC (source: EP)

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Cited by

WO2024028240A1; CN112169528A; KR20150070123A; CN107076133A; CN106133314A; RU2673834C2; EP0753663B1; WO2015150974A1; US9541078B2; WO2014060879A1; US9638183B2; WO2015198235A1; US9685308B2

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