

Title (en)  
SERAPING DEVICE FOR PIPES

Publication  
**EP 0343434 B1 19930203 (DE)**

Application  
**EP 89108450 A 19890511**

Priority  
CH 203488 A 19880527

Abstract (en)  
[origin: EP0343434A1] The device serves for removing residues deposited on an inner wall (7) of a pipe carrying hot gases and/or vapours. This device has a scraping device, which can be activated by means of an axially extended shaft (13), and at least one discharge orifice (16) for the removed residues. <??>The intention is to provide a device, from which residues can be removed using simple means from regions subject to temperatures of over 1300 DEG C. This is achieved in that the scraping device has at least one metal part (15) wound in a helical shape in the axial direction and connected to the shaft (13). In this arrangement the shaft (13) is of axially displaceable design. The shaft (13) is driven in such a way that the metal part (15) can be screwed into the pipe in a corkscrew-like manner.

IPC 1-7  
**B08B 9/02; F28G 3/10**

IPC 8 full level  
**B08B 9/02** (2006.01); **B08B 9/04** (2006.01); **B08B 9/045** (2006.01); **F28G 3/08** (2006.01); **F28G 3/10** (2006.01)

CPC (source: EP US)  
**B08B 9/045** (2013.01 - EP US); **F28G 3/08** (2013.01 - EP US)

Cited by  
EP3015810A1; US5070568A; CN100376859C

Designated contracting state (EPC)  
AT CH DE LI

DOCDB simple family (publication)  
**EP 0343434 A1 19891129; EP 0343434 B1 19930203**; AT E85245 T1 19930215; CH 677739 A5 19910628; DE 58903430 D1 19930318; US 4986347 A 19910122

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