

Title (en)  
Filter for heating installation

Title (de)  
Heizungsfilter

Title (fr)  
Filtre pour installation de chauffage

Publication  
**EP 0742038 A3 19970416 (DE)**

Application  
**EP 96106243 A 19960420**

Priority  
DE 19516724 A 19950506

Abstract (en)  
[origin: EP0742038A2] The device has a filter insert formed by a brush (5) having a shaft (4) with fibres or fibre tufts (6) protruding radially therefrom. The distance between the individual fibres or tufts circumferentially round the shaft and/or axially along the shaft is at least so great that even with a completely covered fibre surface or after the undesired build-up of filter cakes there is still a sufficiently large free cross-section in the housing for the water to flow through to prevent nominal pressure loss in the apparatus. The outer diameter of each brush is smaller than the corresponding inner diameter of the housing at this point so that there is a space between the inside wall of the housing and brush which is not filled with fibres. Scraper elements are set inside the housing so that relative movement between these and the fibres serves to clean the brush.

IPC 1-7  
**B01D 35/10**

IPC 8 full level  
**B01D 35/10** (2006.01); **F24D 19/00** (2006.01)

CPC (source: EP)  
**F24D 19/0092** (2013.01)

Citation (search report)  
• [AD] DE 4236688 A1 19930506  
• [AD] US 1640198 A 19270823 - LOBIT JEAN M  
• [AD] DE 1963821 U 19670713 - REINHOLD FROEMBGEN G M B H [DE]  
• [AD] DE 9306206 U1 19930708

Cited by  
CN116550034A; CN116446128A; US6123841A; EP0845286A3; DE202017104410U1; DE202017104526U1; DE202009000084U1; DE102013108037A1; EP2808070A1

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