

Title (en)  
Insulation covering for heat-exchanger surfaces

Title (de)  
Wärmedämmende Auskleidung auf Wärmetauscherflächen

Title (fr)  
Revêtement isolant pour surfaces d'échangeurs de chaleur

Publication  
**EP 0840053 B1 20010801 (DE)**

Application  
**EP 97115785 A 19970911**

Priority  
DE 19645390 A 19961104

Abstract (en)  
[origin: EP0840053A1] Ceramic segments of damp felt matting (1) are fixed to the cooling surface (2) by fixture pins (4) and washers (5). The pins are welded only to the arms of the pipe wall (6) of the cooling surface. The outline of the pipe to arm to pipe wall of the cooling surface of the heat exchanger wall has a smooth flush surface by applying thermally insulating material (3). Expanded metal (8) is fixed over the rows of pins and into the edge parts of the ceramic damp felt matting segments.

IPC 1-7  
**F16L 59/02**; F16L 59/12; F28F 13/14; F28F 13/00

IPC 8 full level  
**F16L 59/02** (2006.01); **F16L 59/12** (2006.01); **F22B 37/10** (2006.01); **F28F 13/00** (2006.01); **F28F 13/14** (2006.01); **F28F 19/02** (2006.01)

CPC (source: EP US)  
**F22B 37/107** (2013.01 - EP US); **F28F 19/02** (2013.01 - EP US); **F28F 2270/00** (2013.01 - EP US); **Y10S 122/13** (2013.01 - EP US)

Cited by  
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DE ES FR GB IT NL

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