

Title (en)  
Device for reducing clogging of a shell-and-tube heat exchanger

Title (de)  
Vorrichtung zur Verringerung von Verschmutzungen eines Röhrenwärmetauschers

Title (fr)  
Dispositif reducteur d'encrassement d'un échangeur thermique tubulaire

Publication  
**EP 1227292 A3 20050928 (FR)**

Application  
**EP 02290183 A 20020125**

Priority  
FR 0101218 A 20010130

Abstract (en)  
[origin: EP1227292A2] A device for reducing fouling in the tubes of a tubular heat exchanger, incorporates a turbulence generator element lodged in one of the tubes and is made from a metal alloy with a nickel content greater than 50 % by wt. and incorporating at least one metal chosen from the group made up of chromium and molybdenum to improve its corrosion resistance when in contact with a hydrocarbon.

IPC 1-7  
**F28F 13/12**; **F28G 1/06**; **F28F 19/00**; **F28F 21/08**

IPC 8 full level  
**F28F 13/12** (2006.01); **F28F 21/08** (2006.01); **F28G 1/06** (2006.01)

CPC (source: EP US)  
**C22C 19/055** (2013.01 - EP US); **F28F 13/125** (2013.01 - EP US); **F28F 19/00** (2013.01 - EP US); **F28F 21/087** (2013.01 - EP US); **F28G 1/06** (2013.01 - EP US); **F28D 2021/0059** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
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DOCDB simple family (application)  
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