

Title (en)  
DEVICE FOR SEPARATING CLEANING BODIES

Publication  
**EP 0021007 B1 19821124 (DE)**

Application  
**EP 80102699 A 19800516**

Priority  
DE 2923659 A 19790611

Abstract (en)  
[origin: US4385660A] A device for diverting discrete cleaning bodies carried in a fluid flowing through a tubular heat exchanger from the main stream of the fluid consisting of a diverter casing through which an axial current flows and a separating sieve system disposed therein having at least one sieve surface disposed at an angle to the flow and terminating at the downstream end in a lateral outlet connection. The at least one sieve surface being pivotable for cleaning purposes to such an extent that the sieve surface that was on the upstream side comes to be situated on the downstream side. The at least one sieve surface terminates in the vicinity of the diverter casing wall and a transition surface is disposed between the upstream sieve surface and the casing wall, the radius of curvature or angle between the transition surface and the casing wall being selected such that the cleaning bodies are prevented from becoming wedged.

IPC 1-7  
**F28G 1/12**

IPC 8 full level  
**B08B 9/053** (2006.01); **F28G 1/12** (2006.01)

CPC (source: EP US)  
**F28G 1/12** (2013.01 - EP US)

Citation (examination)  
• JP S4321002 Y1 19680904  
• US 4135574 A 19790123 - TREPLIN FRIEDRICH-WILHELM, et al

Cited by  
FR2522993A1; EP0096607A1; FR2528331A1

Designated contracting state (EPC)  
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**EP 0021007 A2 19810107; EP 0021007 A3 19810204; EP 0021007 B1 19821124**; DE 2923659 A1 19801218; DE 2923659 C2 19811224; DE 3061142 D1 19821230; JP S5613000 A 19810207; US 4385660 A 19830531

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