

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 2452146 A1 20120516 (EN)**

Application  
**EP 10731507 A 20100706**

Priority  
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Abstract (en)  
[origin: WO2011003890A1] A heat exchange device comprising at least one heat exchange surface (2), wherein the heat exchange surface comprises one or more parallel tubular lines (3), a rapper device and an impact area for the rapper device. The impact area comprises an impact block (6) with one or more inner channels (7) through which coolant flows bridging opposite open ends (5) of an interrupted tubular line of the heat exchange surface. The impact block (6) enforces the impact area of the heat exchange surface and translates impact energy caused by a rapper device very effectively into mechanical waves through the heating surface, resulting in an improved cleaning effect.

IPC 8 full level  
**F28D 7/02** (2006.01); **F23J 3/02** (2006.01); **F28F 9/26** (2006.01); **F28G 7/00** (2006.01)

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Citation (search report)  
See references of WO 2011003890A1

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