

Title (en)  
ROTARY HEAT EXCHANGER

Title (de)  
ROTATIONSWÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR ROTATIF

Publication  
**EP 2850377 B1 20160914 (EN)**

Application  
**EP 13735396 A 20130516**

Priority  
• IT MI20120866 A 20120518  
• IB 2013000957 W 20130516

Abstract (en)  
[origin: WO2013171566A1] It is described a heat exchanger (1) for liquids comprising a container (2) inside which at least a first liquid is located and at least one rotor (3) rotatably constrained inside the container. The rotor (3) comprises at least one hollow body (10) provided with at least two side walls (11 and 12) constrained to each other to form a hollow (13) within for the passage of at least a second liquid. The hollow body/ bodies (10) is/ are rotated around an axis (X) and at least one of the side walls (11 and 12) of the hollow body comprises at least one elongated dip (20, 20') extending along a line non - radial with respect to the rotation axis (X). The heat exchanger is characterized in that at least one side wall (11, 12) of the at least one hollow body (10) comprises a first plurality of dips (20) and at least one second plurality of dips (20'), having dimensions smaller than the dips of the first plurality of dips (20).

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
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