

Title (en)

Heat exchanger, more particularly for heating unit

Title (de)

Wärmetauscher, insbesondere für Heizungsanlagen

Title (fr)

Echangeur de chaleur, en particulier pour installation de chauffage

Publication

EP 1314947 A3 20041215 (DE)

Application

EP 02025786 A 20021116

Priority

DE 10157267 A 20011122

Abstract (en)

[origin: EP1314947A2] The heat exchanger consists of an especially cylindrical housing (2) and a pipeline (3) laid in the housing in the form of a corrugated hose. The pipeline has sections with different superimposed shapes in different regions (A,B) in the heat exchanger housing adapted to the conditions in the different regions to optimize the consumption and/or heat transfer properties.

IPC 1-7

F28D 7/02; **F28F 1/08**; **F24H 1/43**

IPC 8 full level

F24H 1/43 (2006.01); **F28D 7/02** (2006.01); **F28F 1/00** (2006.01); **F28F 1/08** (2006.01)

CPC (source: EP)

F24H 1/43 (2013.01); **F28D 7/024** (2013.01); **F28F 1/006** (2013.01); **F28F 1/08** (2013.01)

Citation (search report)

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- [XY] DE 20100116 U1 20010322 - HDE METALLWERK GMBH [DE]
- [Y] US 6158396 A 20001212 - LACKSTROM DAVID [US], et al
- [X] GB 684602 A 19521224 - GIOVANNI ROSSI
- [A] EP 0758731 A1 19970219 - WIELAND WERKE AG [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1314947 A2 20030528; **EP 1314947 A3 20041215**; **EP 1314947 B1 20060426**; DE 10157267 A1 20030612; DE 50206542 D1 20060601

DOCDB simple family (application)

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