

Title (en)  
DUAL PURPOSE HEAT EXCHANGER

Title (de)  
DOPPELZWECK-WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR À DOUBLE USAGE

Publication  
**EP 2828587 B1 20200812 (EN)**

Application  
**EP 13718417 A 20130315**

Priority  
• PL 39860712 A 20120323  
• PL 2013000033 W 20130315

Abstract (en)  
[origin: WO2013141728A2] A dual purpose heat exchanger comprises a central heating fluid circuit and hot utility water circuit. The exchanger contains fired or heated by flow of water or steam main heat exchanger and coil (2) enclosed by an external jacket (3) equipped with an inlet stub pipe (6) for fluid heating the utility water in the coil (2) as well as an inlet stub pipe (4) and outlet stub pipe (5) for utility water; however, the flow chamber of fluid heating the utility water in the coil (2) is connected with the flow chamber (8) of heated fluid in the main exchanger. Preferably, the coil (2) is wound on the jacket (1) of the main exchanger, and the flow chamber of fluid heating the utility water in the coil (2) is connected through at least one overflow hole (7) with the flow chamber (8) of heated fluid in the main exchanger.

IPC 8 full level  
**F24H 1/28** (2006.01); **F24H 1/52** (2006.01); **F24H 9/00** (2006.01); **F28D 7/00** (2006.01); **F28D 7/02** (2006.01); **F28D 7/16** (2006.01); **F28F 1/42** (2006.01); **F28F 3/04** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP)  
**F24H 1/287** (2013.01); **F24H 1/52** (2013.01); **F28D 7/0066** (2013.01); **F28D 7/024** (2013.01); **F28D 7/1676** (2013.01); **F28D 7/1684** (2013.01); **F28F 9/013** (2013.01); **F24H 9/0015** (2013.01); **F28F 1/426** (2013.01); **F28F 3/044** (2013.01)

Cited by  
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DOCDB simple family (publication)  
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