

Title (en)  
FIRED HEAT EXCHANGER

Title (de)  
BEHEIZTER WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR À COMBUSTION

Publication  
**EP 2828586 B1 20160504 (EN)**

Application  
**EP 13718920 A 20130315**

Priority  
• PL 39858512 A 20120322  
• PL 2013000032 W 20130315

Abstract (en)  
[origin: WO2013141727A1] Fired heat exchanger comprising an external jacket (2) in a cylindrical shape, closed on one end with a bottom (9) and on the other with a bottom (10) fitted with a hole. The external jacket (2) houses an internal jacket (1) also of a cylindrical shape, closed on one end like the external jacket (2) with a bottom (11) and on the other with a bottom (12) fitted with a hole. Between the holes in the bottoms (10, 12), a common passage (5) is formed to introduce a burner into the combustion chamber (13) located inside the internal jacket (1). A common outlet hole (14) for exhaust is made in the side wall of the internal jacket (1) and the side wall of the external jacket (2). A sealed heated fluid flow chamber (4) is formed between the internal jacket (1) and external jacket (2). The chamber (4) is equipped with an inlet and outlet stub pipe for fluid.

IPC 8 full level  
**F24H 1/26** (2006.01); **F24H 1/40** (2006.01); **F24H 1/44** (2006.01)

CPC (source: EP)  
**F24H 1/26** (2013.01); **F24H 1/40** (2013.01); **F24H 1/44** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013141727 A1 20130926**; EP 2828586 A1 20150128; EP 2828586 B1 20160504; ES 2585059 T3 20161003; PL 220570 B1 20151130; PL 2828586 T3 20161031; PL 398585 A1 20130930

DOCDB simple family (application)  
**PL 2013000032 W 20130315**; EP 13718920 A 20130315; ES 13718920 T 20130315; PL 13718920 T 20130315; PL 39858512 A 20120322