

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
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• 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
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