

Title (en)
Improved boiler heat exchanger

Title (de)
Verbesserter Boilerwärmetauscher

Title (fr)
Échangeur de chaleur de chaudière amélioré

Publication
EP 2995880 B1 20171101 (EN)

Application
EP 14184726 A 20140915

Priority
EP 14184726 A 20140915

Abstract (en)
[origin: EP2995880A1] Heat exchanger (1) for a boiler comprising a cylindrical body (2) with a longitudinal axis (W), closed at both of its opposing ends (9, 10) and having a cylindrical lateral surface (8), said body (2) containing a heat exchange tube device, such as a coil, connected to its two free opposing ends and inlet (16) and outlet (15) openings on said body (2) of the exchanger (1), in which said tube device (3) circulates a fluid, typically water. Said body (2) comprises at least two portions (20, 21) each defining a part of the cylindrical lateral surface (8) of said body (2), said two portions (20, 21) being connected at their free ends (20A, 21A) lying in an oblique plane (P) in relation to the longitudinal axis (W) of the cylindrical body.

IPC 8 full level
F24H 1/43 (2006.01); **F24H 9/02** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)
F24H 1/43 (2013.01); **F24H 9/02** (2013.01); **F24H 9/1836** (2013.01)

Cited by
US2017332513A1; US10575434B2; IT201600074665A1; CN109642750A; EP3633286A1; IT201800009186A1; WO2021154166A1; WO2018015799A1

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