

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 3173722 B1 20190501 (EN)

Application
EP 15196286 A 20151125

Priority
EP 15196286 A 20151125

Abstract (en)
[origin: EP3173722A1] A heat exchanger (10) comprises walls (20, 30) to form a space (40) for a flue gas. At least one channel (60) formed in at least one of the walls (20) in which a fluid is to flow. The channel (60) includes at least two straight portions (60a, 60b) which are arranged in substantially parallel to each other and are connected in series. A stagnation prevention means (64) is arranged in at least one connecting area (61 a) of the straight portions (60a, 60b) where the two straight portions (60a, 60b) are connected and which is located on the most upstream side in the channel (60) with respect to a fluid flow.

IPC 8 full level
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CPC (source: EP)
F24H 1/26 (2013.01); **F28F 3/022** (2013.01); **F28F 3/048** (2013.01); **F28F 3/12** (2013.01); **F28F 7/02** (2013.01); **F28F 13/06** (2013.01); **F28F 13/08** (2013.01); **F24H 9/0026** (2013.01); **F28F 2255/14** (2013.01)

Cited by
CN107477871A; EP3425301A1; WO2020030386A1; WO2019008007A1; CN115143630A; CN115143631A; US11835261B2; US11835262B2; US11879666B2

Designated contracting state (EPC)
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EP 15196286 A 20151125; CN 201680066139 A 20161122; JP 2016084575 W 20161122