

Title (en)

Condensation free flue gas heat exchanger

Title (de)

Einrichtung eines Abgaswärmetauschers für den taupunktsicheren Betrieb

Title (fr)

Echangeur de chaleur pour gas de combustion sans condensation

Publication

EP 1207358 B1 20060315 (DE)

Application

EP 01126397 A 20011107

Priority

AT 18852000 A 20001108

Abstract (en)

[origin: EP1207358A2] The exchanger includes a liquid heat exchanger (5) mounted from the beginning of the return pipe at the top and having in the upper region openings (6) which point away from the exhaust gas heat exchanger. In the lower region it ends in a preferably thermally operated mixer with by pass and mixer valve and is adjoined there by the header pipe mounted at the bottom. The mixer and by pass can be designed as a 3-way mixer so that the liquid heat exchanger is fully switched off during operation at higher header temperature

IPC 8 full level

F24H 9/00 (2006.01)

CPC (source: EP)

F24H 9/0036 (2013.01)

Cited by

EA019291B1; US7819090B2; WO2009146990A2; WO2006111317A1; WO2009146990A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1207358 A2 20020522; EP 1207358 A3 20030716; EP 1207358 B1 20060315; AT 413596 B 20060415; AT A18852000 A 20050815; AT E320580 T1 20060415; DE 50109206 D1 20060511

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