

Title (en)

Method for cooling combustion gases in a heat exchanger of a steam generation plant

Title (de)

Verfahren zum Kühlen des Rauchgases einer Feuerungsanlage in einem Wärmetauschers einer Dampfzeugungsanlage

Title (fr)

Procédé de refroidissement des gaz de combustion dans un échangeur de chaleur d'une installation à génération de vapeur

Publication

EP 2442061 B1 20170927 (DE)

Application

EP 11006156 A 20110727

Priority

DE 102010048065 A 20101012

Abstract (en)

[origin: EP2442061A2] The device (1) comprises a heat exchanger (2), which has a feed line (3) for a medium (16) from a medium inlet (4) for a heat exchanger inlet (5), and a discharge line (6) from the heat exchanger outlet (7). A primary bypass (8) is provided, which is formed from the medium inlet to the discharge line, and a secondary bypass (9) from the feed line to a medium outlet (10) and valves (11,12,13,14), such that the medium flows from the heat exchanger outlet to the heat exchanger inlet. An independent claim is also included for a method for operating a heat exchanger of a steam generating unit.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

US 4102393 A 19780725 - WITHERS JR JAMES G

Cited by

CN104969026A; EP4328519A1; EP4328520A1; US10234216B2; WO2014118047A1

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