

Title (en)

A METHOD OF CONTROLLING A SUPPLY OF FEED WATER INTO A BOILER

Title (de)

VERFAHREN ZUR STEUERUNG DER ZUFUHR VON SPEISEWASSER IN EINEN KESSEL

Title (fr)

PROCÉDÉ DE COMMANDE D'UNE ALIMENTATION EN EAU DANS UNE CHAUDIÈRE

Publication

EP 3992528 C0 20230607 (EN)

Application

EP 20205158 A 20201102

Priority

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Abstract (en)

[origin: EP3992528A1] The present invention relates to a system and method of controlling a supply of feed water into a boiler (10). The boiler (10) comprising a feed water inlet (20) for supplying feed water into the boiler (10), a steam outlet (22) for taking steam from the boiler (10) and a liquid level sensor (14) for measuring a liquid level in the boiler (10). The steam outlet (22) comprising a steam valve (26) defining a steam valve (26) opening degree, the method comprising measuring the liquid level in the boiler (10) using the liquid level sensor (14), determining a rate of change of the steam valve (26) opening degree and controlling the supply of feed water into the boiler (10) via the feed water inlet (20) based on the liquid level in the boiler (10), a reference liquid level for the boiler (10) and the rate of change of the steam valve (26) opening degree.

IPC 8 full level

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