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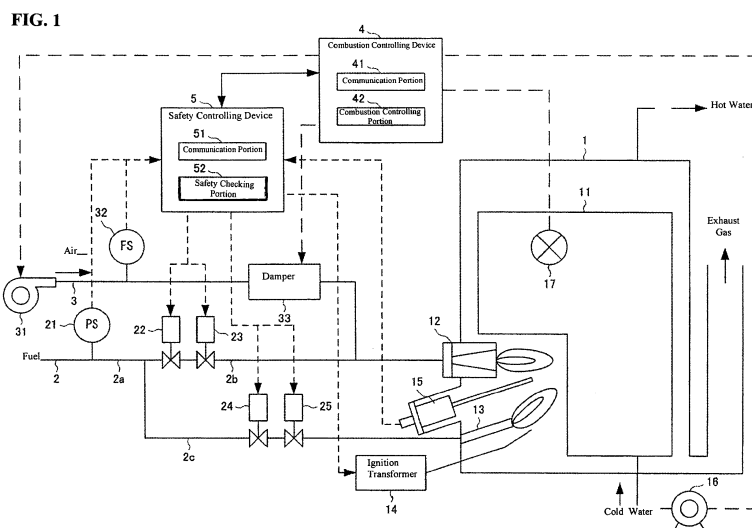
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(54) **Combustion controlling device**

(57) Two controlling devices, namely a combustion controlling device controlling the combustion of a combustion furnace, and a safety controlling device checking the operation of the devices wherein the operations are controlled by the combustion controlling device. This enables safer control of combustion because if there is a fault in either the combustion controlling device or the safety controlling device, a process can be performed by

the other device to stop the combustion. Additionally, because the controlling device for controlling the structural elements that control the combustion in the boiler system and the controlling device for operational checks of the outputs from those structural elements are separate, if there is a failure in any of the structural elements or controlling devices, that failure can be detected reliably, enabling safer control of the combustion.





EUROPEAN SEARCH REPORT

Application Number
EP 11 16 0114

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			F23N B60K F02D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 January 2014	Examiner Munteh, Louis
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 11 16 0114

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