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(54) **METHOD AND APPARATUS FOR OPTIMISING OPERATION PARAMETERS OF A BIOMASS BOILER**

(57) The present invention relates to a method for optimizing operation parameters of a biomass boiler, wherein said biomass boiler burns a plurality of biomass fuels to release heat and generate ash, said method comprising: providing fuel information of the biomass fuels and a target boiler load; generating a series of design operation parameters of the biomass boiler; calculating, based on the fuel information of the biomass fuels and the target boiler load, unburned carbon content in said ash for the design operation parameters; and identifying optimized operation parameters among the series of design operation parameters which correspond to the minimise unburnt carbon content. The present invention enables efficient adjustment of biomass boiler operation to adapt to the adjustment of biomass fuel mixture.

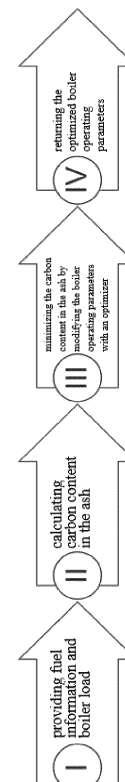


Fig. 1



EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 October 2021	Examiner Theis, Gilbert
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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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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