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(54) Erosion shielding for a circulating fluidized bed boiler

(57) A method for shielding the inner surface above the shield refractory (4) of the furnace wall (3) of a circulating fluidized bed boiler from erosion caused by suspension flows, in which method a shield structure is formed on the inner surface of the boiler wall. At least a first zone (1) and a second zone (2) are formed in the shield structure, the erosion-resistance properties of which zones differ from each other. In addition the invention relates to a circulating fluidized bed boiler, which comprises a corresponding shield structure.

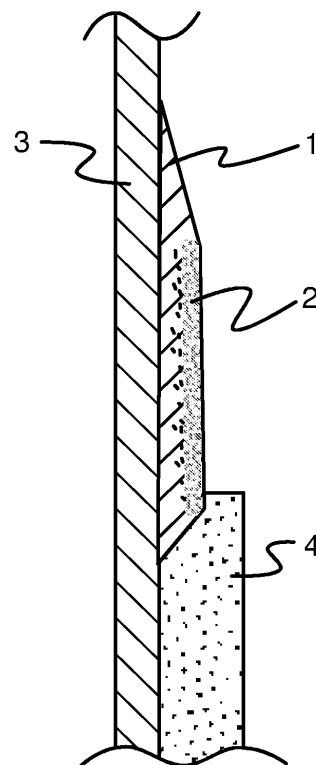


Fig. 1

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			TECHNICAL FIELDS SEARCHED (IPC)
			F23C F23M
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 January 2006	Examiner Theis, G
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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