

Title (en)

METHOD AND ARRANGEMENT FOR FEEDING FUEL INTO A CIRCULATING FLUIDIZED BED BOILER

Title (de)

VERFAHREN UND ANORDNUNG ZUR ZUFUHR EINES KRAFTSTOFFS IN EINEN BOILER MIT ZIRKULIERENDER WIRBELSCHICHT

Title (fr)

PROCÉDÉ ET AGENCEMENT D'ACHEMINEMENT DE COMBUSTIBLE DANS UNE CHAUDIÈRE À LIT FLUIDISÉ CIRCULANT

Publication

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Application

EP 10829569 A 20101029

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Abstract (en)

[origin: WO2011058218A1] The present invention relates to a method and an apparatus for feeding fuel into a circulating fluidized bed boiler. The invention is specifically concerned on feeding fine, light and/or moist fuel into the boiler. The method and apparatus for feeding light, fine and/or moist fuel into a circulating fluidized bed boiler is based on collecting circulating bed material to a return flow and introducing the return flow into communication with the fuel being introduced in the furnace (12) so that the bed material return flow and the fuel are mixed together and flow downwards in the furnace (12) for increasing the residence time of the fuel in the furnace (12).

IPC 8 full level

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Citation (search report)

- [XA] US 4777889 A 19881018 - SMITH RICHARD D [US]
- [A] WO 8905942 A1 19890629 - CHAMBERT LARS AXEL [SE]
- [A] US 4335662 A 19820622 - JONES BRIAN C
- See references of WO 2011058218A1

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