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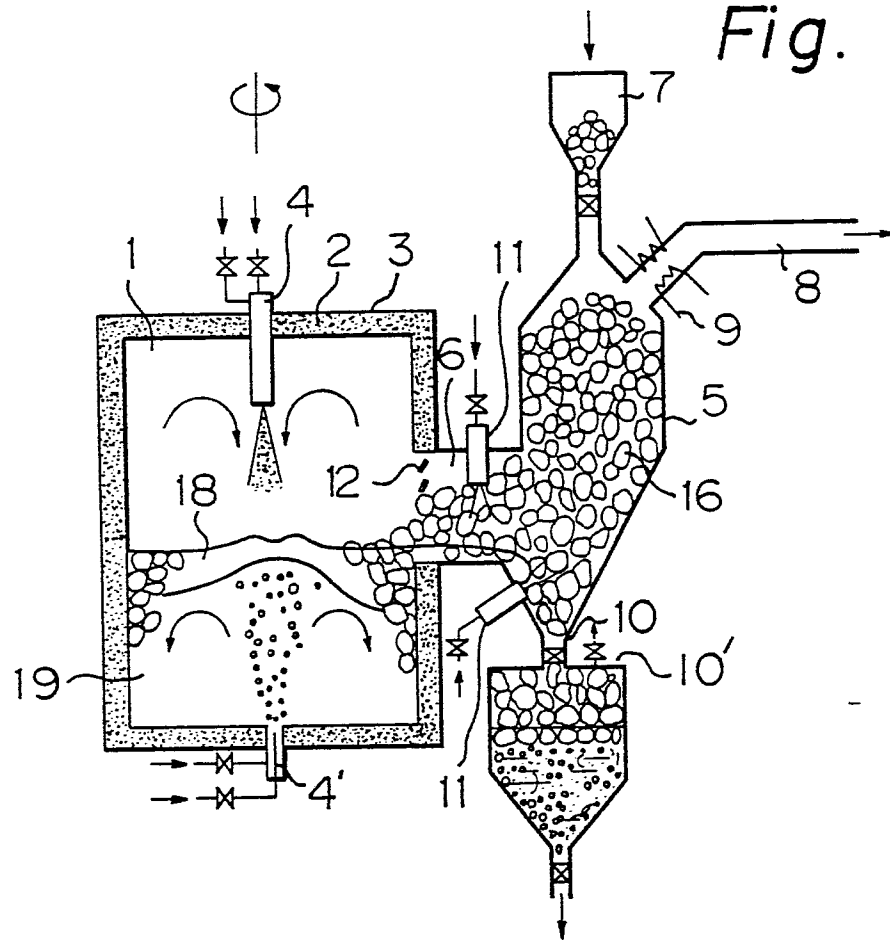
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(54) Method of gasifying solid carbonaceous materials and apparatus therefor.

(57) A method and apparatus for gasifying a solid carbonaceous material in a molten metal bath are disclosed. The solid carbonaceous material is blown onto and/or into the molten metal bath together with a gasifying agent in a gasification chamber and the resulting slag is removed through a slag chamber provided adjacent to the gasification chamber. At least part of the slag chamber is filled with lumps of a solid carbonaceous material, and the resulting slag

is removed through a space packed with the lumps, and the product gas is recovered through a space packed with the lumps.

Fig. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 177 (C-124)[1055], 11th September 1982; & JP-A-57 94 094 (SUMITOMO KINZOKU KOGYO K.K.) 11.06.1982 * Abstract *	1, 3, 4	C 10 J 3/57
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			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			C 10 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-03-1987	Examiner WENDLING J.P.
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	