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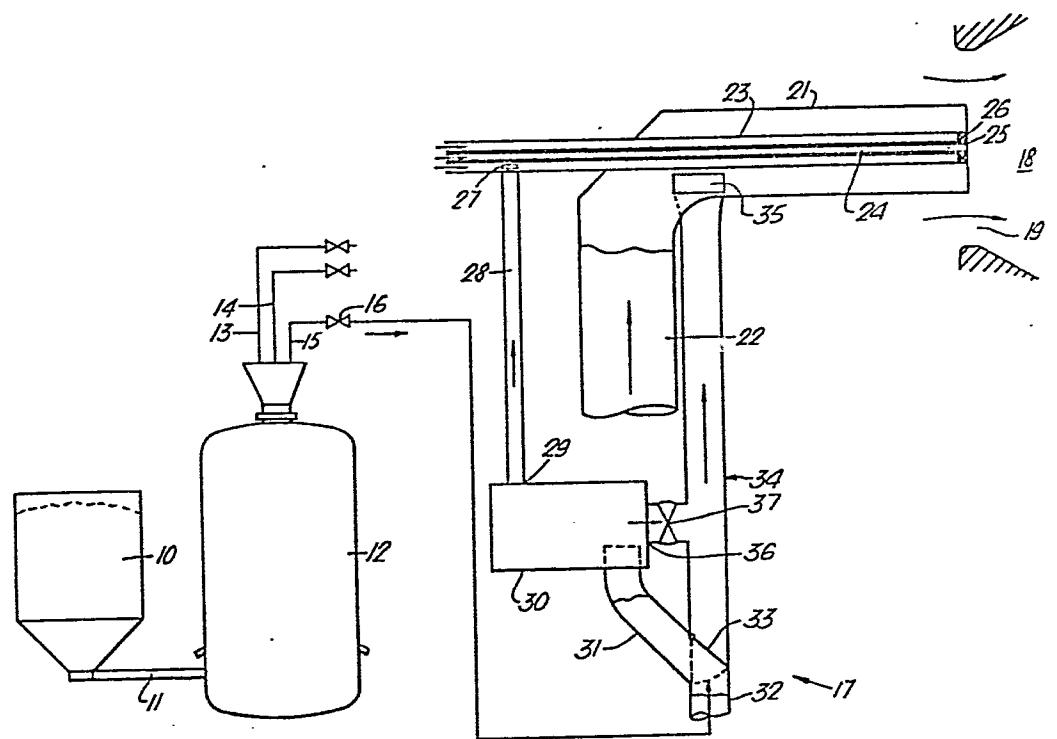
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(54) **Method operating a coal burner.**

(57) A method of operating a coal burner in which particulate coal is fed to the burner main nozzle (21) and a mixture of ultrafine pulverized coal and an gaseous medium are additionally fed to the burner at a sufficient temperature significantly to increase the reactivity of the ultrafine pulverized coal at least during the light up of the burner. The coal may be pulverized in a pulverizer vessel (12) by interparticle collision in at least one stream of gaseous medium to produce the ultrafine pulverized coal and a flow of the mixture of the ultrafine pulverized coal and the gaseous medium is fed directly from the pulverizer vessel to the burner.

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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)
Y	BRENNSTOFF. WÄRME. KRAFT, vol. 34, no. 3, March 1982, pages 131-135, Würzburg, DE; K.D. RENNERT: "Kohlenstaubgefeuerter Zündbrenner" * Page 131, right-hand column; page 132; page 135, right-hand column, lines 24-35; figure 8 *	1,5	F 23 D 1/02 F 23 K 1/00 F 23 K 3/02
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Y	EP-A-0 017 367 (MICROFUELS) * Page 3, line 16 - page 4, line 2; page 6, line 14 - page 9, line 21; page 11, lines 29-33; page 12, lines 2-13; page 14, line 35 - page 15, line 3; figures 1-4 *		
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	The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30-10-1986	PHOA Y.E.	

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EUROPEAN SEARCH REPORT

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A	EP-A-0 102 421 (HOWDEN) * Page 3, line 29 - page 5, line 4; figure *	5	
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