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(54) Title: SYSTEM FOR SIMULTANEOUSLY PRODUCING ELECTRIC AND THERMAL ENERGY

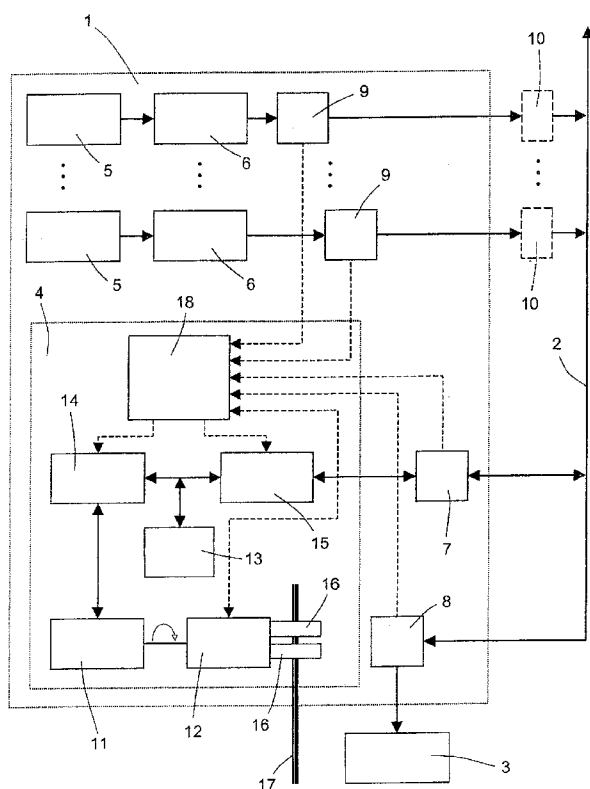


Fig. 1

(57) Abstract: A system for producing electric and thermal energy, and connected to a grid (2) supplying alternating electric energy, the system (1) having a cogeneration unit (4) for supplying alternating electric energy to an electric load (3); at least one discontinuous source (5) of electric energy; an inverter (6) for converting the electric energy produced by the discontinuous source (5) to alternating electric energy for supply to the load (3); and a plurality of alternating electric power measuring units (7, 8, 9) for measuring a first electric power (PG) supplied by the cogeneration unit (4), a second electric power (PL) drawn by the load (3), and a third electric power (PS) supplied by the discontinuous source (5); and wherein the cogeneration unit (4) is designed to regulate the first electric power (PG) so that the sum of the first electric power (PG) and the third electric power (PS) tracks the sum of the second electric power (PL) and a fourth electric power (PN_in) to be fed into the grid (2).



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H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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Y	column 5, paragraph 4; claim 1; figure 1	5-10, 12, 13
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Y	EP 1 187 292 A (HONDA MOTOR CO LTD [JP]) 13 March 2002 (2002-03-13)	12
	paragraph [0011] - paragraph [0018]; figure 1	
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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