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(54) Title: COGENERATION PLANT

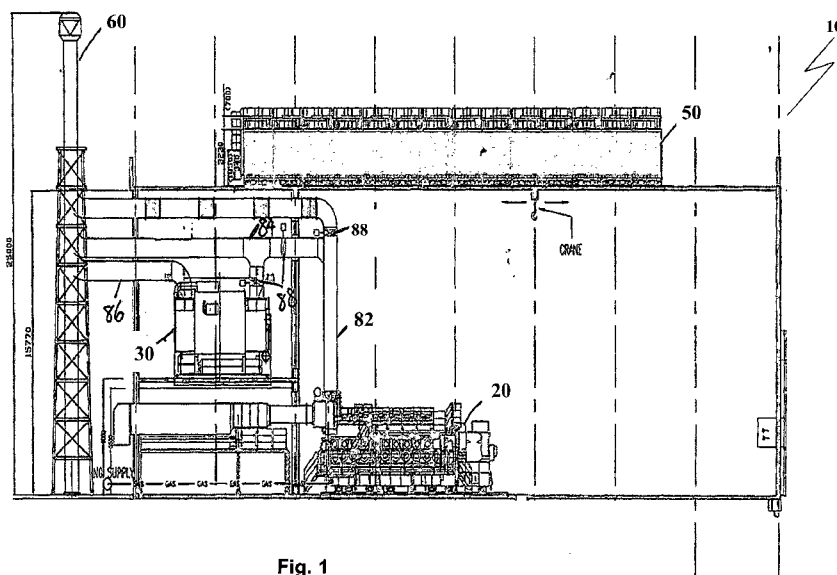


Fig. 1

(57) Abstract: There is provided a cogeneration plant unit comprising a base storey housing power generation source; a second storey vertically arranged above the base storey housing absorption chiller, the absorption chiller operable to be in fluid communication with the power generation source; a third storey vertically arranged above the second storey, the third storey houses cooling tower; and a chimney arranged in fluid communication with the power generation source and absorption chiller to dissipate the exhaust of the power generation source and the absorption chiller. The cogeneration plant unit may be further extended to incorporate more elements or form a cogeneration plant suitable for providing electricity, heat and cooling energy to a data centre.



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