

NEW PATENTS

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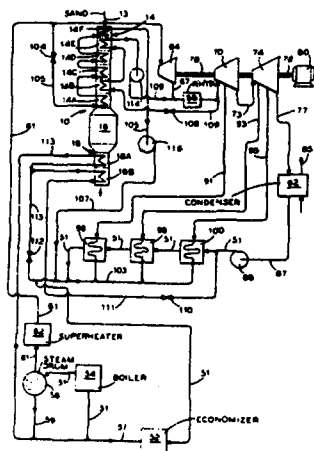
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MOVING BED HEAT STORAGE AND RECOVERY SYSTEM

Donald C Schluderberg assigned to The Babcock & Wilcox Company

An energy storage and recovery system designed for storing excess over demand energy generated by a steam cycle electrical generating plant during slack elec-

tricity demand periods and for recovering the stored energy to provide supplemental electricity during peak demand periods. The system utilizes one or more moving bed heat exchangers for transferring heat between the steam cycle of the power plant and a moving bed of refractory particles. Pipes and valves establish fluid communication between the heat exchangers and the steam cycle to supply fluid to selectively heat the moving bed of refractory particles or to cool them as the case may be. One or more insulated silos are provided for storing the refractory particles and means are provided for transporting the particles between the silos and the heat exchangers.



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DIRECT REDUCTION OF IRON OXIDE CONTAINING MATERIAL WITH BIOFUEL

Olle Lindstrom