

Title (en)  
SELF-CONTAINED (HEAT AND ELECTRICITY) COGENERATION SYSTEM COMPRISING A FLYWHEEL

Title (de)  
AUTARKES KOMBI-ENERGIE-ERZEUGUNGSSYSTEM (WÄRME UND ELEKTRIZITÄT) MIT SCHWUNGRAD

Title (fr)  
SYSTEME AUTONOME DE COGENERATION (CHALEUR ET ELECTRICITE) COMPORTANT UN VOLANT D'INERTIE

Publication  
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Application  
**EP 01909888 A 20010223**

Priority  
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Abstract (en)  
[origin: WO0163729A1] The invention concerns a self-contained system for generating electricity comprising flywheel power storage. Said system comprises an assembly (1) comprising a heat engine (2), a mechanical speed regulator (34), a clutch (5), a flywheel (6) and a generator (42, 43). The assembly consisting of the clutch (5), the flywheel (6) and the generator (7) is positioned in a vacuum chamber (26) to reduce power losses. Said system is designed to be installed directly in buildings where power is used, for instance individual houses. It enables to eliminate electric power network connection.

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