

Title (en)  
DOUBLE-HELICAL ENERGY CONVERTER WITH PERIPHERAL CHANNELS

Title (de)  
SCHRAUBENFÖRMIGER ENERGIEKONVERTER MIT UMFANGSEITIGEN RINNEN

Title (fr)  
CONVERTISSEUR D'ENERGIE BI-HELICOIDAL A GOUTTIERES PERIPHERIQUES

Publication  
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Application  
**EP 01933485 A 20010511**

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Abstract (en)  
[origin: WO0186120A1] The invention concerns a converter (1), consisting of two (or more) helical surfaces (3, 4), arranged symmetrically relative to a revolving shaft (2), comprising helical surfaces whereof one surface at least (upper or lower) consists of steps/risers , that is undulations , forming channels (7) flaring outwards, and bordered with a peripheral channel (5). Said converter can operate as mixed air and/or hydraulic and/or heat turbine. The revolving shaft (2) can be placed vertically (fig. 1), obliquely (fig. 2) or horizontally.

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IPC 8 full level  
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Cited by  
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