

Title (en)

METHOD AND INSTALLATION FOR CONVERTING THERMAL ENERGY FROM FLUIDS INTO MECHANICAL ENERGY

Title (de)

VERFAHREN UND ANLAGE ZUR UMWANDLUNG VON WÄRMEENERGIE AUS FLUIDEN IN MECHANISCHE ENERGIE

Title (fr)

PROCEDE ET INSTALLATION DE CONVERSION D'ENERGIE THERMIQUE ISSUE DE FLUIDES EN ENERGIE MECANIQUE

Publication

EP 1714009 A1 20061025 (DE)

Application

EP 05716660 A 20050210

Priority

- EP 2005050595 W 20050210
- DE 102004006837 A 20040212

Abstract (en)

[origin: DE102004006837A1] Process for recovering an electrical current from air comprises transforming the energy content of the air with a dissolved steam content to a sufficiently high temperature level using one or more heat pump systems. Preferred Features: The energy content of the air with a dissolved steam content is recovered when the air is cooled, preferably by condensation. The energy is transformed to a temperature level of 50-100[deg] C, preferably 60-90[deg] C. The heat pump systems are operated using an organic or inorganic solvent as working agent.

IPC 8 full level

F01K 25/06 (2006.01)

CPC (source: EP US)

F01K 25/06 (2013.01 - EP US); **F01K 25/065** (2013.01 - EP US)

Citation (search report)

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