

Title (en)

DEVICE FOR PRODUCING A PURIFIED LIQUID FROM AN UNCLEANNED LIQUID

Title (de)

VORRICHTUNG ZUR ERZEUGUNG EINER REINFLÜSSIGKEIT AUS EINER ROHLFLÜSSIGKEIT

Title (fr)

DISPOSITIF DE PRODUCTION D'UN LIQUIDE PUR A PARTIR D'UN LIQUIDE BRUT

Publication

EP 1877151 A1 20080116 (DE)

Application

EP 06724304 A 20060413

Priority

- EP 2006003406 W 20060413
- DE 202005007278 U 20050506

Abstract (en)

[origin: DE202005007278U1] A water desalination assembly produces sweet water and has an evaporator (10) with a vapour tube (47) to a low-pressure condenser (23). The vapour tube is coupled via a steam engine releasing vapour to the condenser via a membrane. The evaporator and condenser may be evacuated either separately or jointly. The pressure in the evaporator (10) is greater than that in the condenser (23). The evaporator is driven by a heater e.g. solar panel. The steam engine is linked to an electricity generator.

IPC 8 full level

B01D 5/00 (2006.01); **C02F 1/04** (2006.01); **C02F 1/06** (2006.01); **C02F 1/14** (2006.01); **F01B 29/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

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