

Title (en)

CHEMICAL HEAT PUMP WORKING ACCORDING TO THE ABSORPTION OR ADSORPTION PRINCIPLE

Title (de)

ENTSPRECHEND EINEM ABSORPTIONS- ODER ADSORPTIONSPRINZIP FUNKTIONIERENDE CHEMISCHE WÄRMEPUMPE

Title (fr)

POMPE A CHALEUR CHIMIQUE FONCTIONNANT SELON LE PRINCIPE DE L'ABSORPTION OU DE L'ADSORPTION

Publication

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Application

EP 11796054 A 20110614

Priority

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Abstract (en)

[origin: WO2011159236A1] A chemical heat pump working according to the absorption or adsorption principle comprises an active substance and a volatile liquid, wherein the volatile liquid is adapted to be absorbed or be adsorbed by the active substance at a first temperature and be desorbed by the active substance at a second higher temperature, wherein the chemical heat pump further comprises at least a first tube and at least a second tube, wherein the second tube is at least partially positioned within the first tube and essentially along at least a part of the longitudinal axis of said first tube, wherein the active substance is applied at least partially in a space between the inside of the first tube and the outside of the first tube, wherein a first matrix adapted for storage of the volatile liquid is at least partially applied on the outside of the second tube.

IPC 8 full level

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CPC (source: EP SE US)

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