

Title (en)

ABSORPTION HEAT PUMP WITH SORBENT COMPRISING A LITHIUM SALT AND AN ORGANIC SALT WITH THE SAME ANION

Title (de)

ABSORPTIONSWÄRMEPUMPE MIT SORPTIONSMITTEL UMFASSEND EIN LITHIUMSALZ UND EIN ORGANISCHES SALZ MIT GLEICHEM ANION

Title (fr)

POMPE À CHALEUR À ABSORPTION PRÉSENTANT UN AGENT DE SORPTION COMPRENANT UN SEL DE LITHIUM ET UN SEL ORGANIQUE D'UN MÊME ANION

Publication

**EP 2561032 A1 20130227 (DE)**

Application

**EP 11714568 A 20110418**

Priority

- EP 10160434 A 20100420
- EP 2011056104 W 20110418
- EP 11714568 A 20110418

Abstract (en)

[origin: EP2380941A1] Absorption heat pump comprises an absorber, a desorber, a condenser, an evaporator, a volatile refrigerant and a sorbent comprising a lithium salt and at least one organic salt with an organic cation Q +>, where the lithium and organic salts comprise the same anion having a molar mass of not > 200 g/mole and which is not a halide, and the organic cation Q +>has a molar mass of not > 200 g/mole.

IPC 8 full level

**C09K 5/04** (2006.01)

CPC (source: EP KR US)

**C09K 5/04** (2013.01 - KR); **C09K 5/047** (2013.01 - EP US); **F25B 30/00** (2013.01 - KR); **F25B 15/06** (2013.01 - EP US); **F25B 15/14** (2013.01 - EP US)

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See references of WO 2011131606A1

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