

Title (en)

Hybrid compression heat pumping cycles based plants

Title (de)

Hybride kompressionswärmepumpenzyklusbasierte Anlagen

Title (fr)

Cycles de pompage de chaleur à compression hybride à base de plantes

Publication

**EP 3051233 B1 20200826 (EN)**

Application

**EP 15075005 A 20150129**

Priority

EP 15075005 A 20150129

Abstract (en)

[origin: EP3051233A1] Hybrid compression based cooling or heating plants, incorporating the synergia between two known technologies based compartments, a 1 st compartment of mechanical vapor compression, needing only two external supplying sources for operation, a sink source and an electrical or mechanical source, usually easy available, and a 2 nd compartment of absorption, acting together in such a way that the 1 st compartment plays the role of a sink and heat or just heat supplier for the 2 nd compartment, while the 2 nd compartment is performing the useful task of cooling or heating, independently of the existence or not of an external heat source, usually difficultly available especially in deep cooling, or less effective in case of heating applications.

IPC 8 full level

**F25B 25/02** (2006.01)

CPC (source: EP)

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Cited by

EP4177540A1; US11486612B2; WO2018067818A1

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DOCDB simple family (publication)

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