

Title (en)  
Capacity modulated compressor

Title (de)  
Verdrängungsregelbarer Verdichter

Title (fr)  
Compresseur à capacité modulée

Publication  
**EP 2012017 A2 20090107 (EN)**

Application  
**EP 08251177 A 20080328**

Priority  
• US 95806307 P 20070702  
• US 5285308 A 20080321

Abstract (en)  
A heat pump system may include first and second heat exchangers, a compressor, and a fluid conduit. The compressor may include a capacity modulation system providing first, second, and third capacities of the compressor. The second capacity may be less than the first capacity and greater than the third capacity. The fluid conduit may provide fluid communication between the first and second heat exchangers and the compressor. The fluid conduit may define a first flow path from the compressor to the first heat exchanger and from the first heat exchanger to the second heat exchanger during a cooling mode and a second flow path from the compressor to the second heat exchanger and from the second heat exchanger to the first heat exchanger during a heating mode. The compressor may operate at the first capacity during the heating mode and at the second capacity during the cooling mode.

IPC 8 full level  
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