

Title (en)  
HEAT PUMP DEFROST CONTROL

Publication  
**EP 0031945 A3 19820519 (EN)**

Application  
**EP 80108162 A 19801223**

Priority  
US 10974380 A 19800104

Abstract (en)  
[origin: EP0031945A2] An outdoor coil defrost control system for a reverse cycle refrigeration apparatus or heat pump comprises an outdoor air temperature sensor (30), a compressor operation signal generator (42) and a variable frequency oscillator (80) receiving the input signal indicative of the outdoor air temperature and generating an output signal the frequency of which varies as a non-linear function of the magnitude of the outdoor air temperature. A counter (C1 to CN) receives the output signal of the variable frequency oscillator. The refrigeration apparatus is placed into an outdoor coil defrost mode of operation upon the counter counting a preselected number of pulses

IPC 1-7  
**F25B 47/00**

IPC 8 full level  
**F24F 11/02** (2006.01); **F25B 47/02** (2006.01); **F25D 21/00** (2006.01)

CPC (source: EP)  
**F25B 47/025** (2013.01); **F25D 21/006** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
CH DE FR GB

DOCDB simple family (publication)  
**EP 0031945 A2 19810715; EP 0031945 A3 19820519; JP S56102638 A 19810817**

DOCDB simple family (application)  
**EP 80108162 A 19801223; JP 26581 A 19810105**