

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

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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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