

Title (en)
SIGNAL TRANSMITTER FOR CONTROLLING THE DEFROSTING PROCESS ON THE AIR SIDE OF THE EVAPORATOR OF A HEAT PUMP OR THE LIKE

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EP 0117425 B1 19870325 (DE)

Application
EP 84100705 A 19840124

Priority
DE 3303054 A 19830129

Abstract (en)
[origin: EP0117425A1] 1. A signal transmitter arrangement for controlling the defrosting of the air side of an evaporator means of a heat pump or the like comprising a sensing assembly consisting of a temperature sensing device for measuring the temperature on the surface of said evaporator means and a sensing device responding to the formation of frost or ice, said two sensing devices being coupled to a receiver for the transmission of signals, wherein said signal transmittal arrangement comprises a thermally conductive console (1) attachable to said evaporator means to which said sensing assembly (2) is connected, said temperature sensing device (3) being connected with said sensing assembly in a thermally conductive fashion, and wherein said sensing assembly comprises a photosensitive sensing device (4) constituting the second sensing device the optic axis of said photosensitive sensing device being aligned to an auxiliary matte black reflective surface (12) arranged vertically on said console, said reflective surface having a circular area of reflection (14) convex relative to said sensing assembly (2).

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CPC (source: EP)
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WO 8300211 A1 19830120 - ALSENZ RICHARD H

Cited by
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