

Title (en)
Refrigerated merchandiser

Title (de)
Verkaufskühlmöbel

Title (fr)
Présentoir réfrigéré

Publication
EP 1935293 A2 20080625 (EN)

Application
EP 07254260 A 20071026

Priority
US 86302306 P 20061026

Abstract (en)
A refrigerated merchandiser (10) that includes a case (20), a refrigeration system (50), at least one sensor (130,135,140,145), a controller (155), and a display (150). The refrigeration system is in communication with a product storage area (40) of the case, and discharges a refrigerated airflow into the product storage area to refrigerate product. The refrigeration system includes a compressor (61), a condenser (62), and an evaporator (60) coupled in series. The sensor is in communication with the refrigerated airflow to sense an airflow temperature and to generate a signal indicative of the airflow temperature. The controller is in electrical communication with the sensor to receive the signal indicative of the airflow temperature, and includes an algorithm that calculates a temperature of the product based on the signal indicative of the airflow temperature. The display is coupled to the case and is visible from outside the case, and is in electrical communication with the controller to show the calculated product temperature.

IPC 8 full level
A47F 3/04 (2006.01)

CPC (source: EP)
A47F 3/0408 (2013.01)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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