

Title (en)
Refrigerated merchandiser

Title (de)
Verkaufskühlmöbel

Title (fr)
Présentoir réfrigéré

Publication
EP 1935293 A3 20081126 (EN)

Application
EP 07254260 A 20071026

Priority
US 86302306 P 20061026

Abstract (en)
[origin: EP1935293A2] 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 reftigerate 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)

Citation (search report)

- [A] EP 1139037 A1 20011004 - COMPUTER PROCESS CONTROLS INC [US]
- [A] US 2003218023 A1 20031127 - ZANGARI JONY MARCELO [US], et al
- [A] WO 03093738 A2 20031113 - CARRIER COMMERCIAL REGRIGERATI [US], et al

Cited by
EP2172725A1

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)
EP 1935293 A2 20080625; EP 1935293 A3 20081126

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