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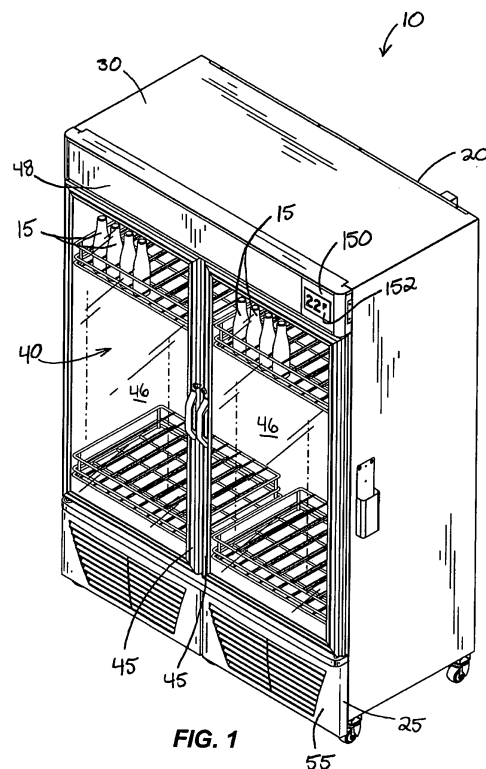
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Refrigerated merchandiser

(57) 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 reft-igerate 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 elec-trical communication with the controller to show the cal-culated product temperature.



**PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 07 25 4260 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 1 139 037 A (PROCESS CONTROLS INC COMP [US]) 4 October 2001 (2001-10-04) * paragraph [0016] - paragraph [0021]; figure 2 *	1,13	INV. A47F3/04
A	----- US 2003/218023 A1 (ZANGARI JONY MARCELO [US] ET AL ZANGARI JONY MARCELO [BR] ET AL) 27 November 2003 (2003-11-27) * the whole document *		
A	----- WO 03/093738 A (CARRIER COMMERCIAL REGRIGERATI [US]; UPTON RONALD D [US]; BRANCHEAU HA) 13 November 2003 (2003-11-13) * figures 1,2 *		
			TECHNICAL FIELDS SEARCHED (IPC)
			A47F
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for these claims.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p>			
Place of search		Date of completion of the search	Examiner
Munich		16 October 2008	Alff, Robert
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04E07)

**INCOMPLETE SEARCH
SHEET C**Application Number
EP 07 25 4260

Claim(s) searched completely:
1-19

Claim(s) not searched:
20-101

Reason for the limitation of the search:

The present application contains 101 claims, of which 9 are independent. There is no clear distinction between the independent claims because of overlapping scope. There are so many claims and they are drafted in such a way that the claims as a whole do not comply with the provisions of clarity and conciseness in Article 84 EPC, as it is particularly burdensome for a skilled person to establish the subject-matter for which protection is sought. Non-compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter could not be carried out (Rule 63 EPC and Guidelines B-VIII, 3). The extent of the search was consequently limited.

The search was based on the subject-matter that, as far as can be understood, could reasonably be expected to be claimed later in the procedure, and the corresponding claims, namely a refrigerated merchandiser according to claims 1-12, and a method according to claims 13-19.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 25 4260

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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16-10-2008

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