



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
19.03.2014 Bulletin 2014/12

(51) Int Cl.:
G07F 11/00 (2006.01)

(43) Date of publication A2:
01.01.2014 Bulletin 2014/01

(21) Application number: **13003025.7**

(22) Date of filing: **13.06.2013**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

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(30) Priority: **28.06.2012 IT MI20120242 U**

(54) **Automatic dispenser of products to manage foods and beverages retail distribution and protection and communication systems**

(57) The refillable automatic dispenser of consumer products integrated in shop window of foods and beverages retailers may enable to distribute products automatically also during closing hours to shop owners who cannot or do not want to manage the shop personally all over the day. It is dedicated in particular to foods and beverages shops, supermarkets, bars and pubs. The apparatus we are discussing about is positioned in an external facade of the shop. The automatic dispenser, shaped as a parallelepiped, has internal sections adjustable in dimensions and temperatures and shows externally the available products. It has tools to pay through the insertion of notes and coins, and also payments through credit or prepaid cards are possible. The illustrative display

communicates prices and other information. A screen is used for informative, promotional, advertising and entertainment communication, which can be customized. A system of shatterproof and burglary proof sensors positioned in the shop window and to protect the other tools allows to prevent and contrast shatter and burglary. A video camera to shoot the environment in front of the shop window increases furthermore the protection level. Using this system, sales can be increased, also for products which otherwise would be wasted. Safety increases, as it becomes very unlikely that someone tries to break the shop window risking to be filmed. During closing hours, the shop appearance is very improved: from closed shutters to "talking" windows.

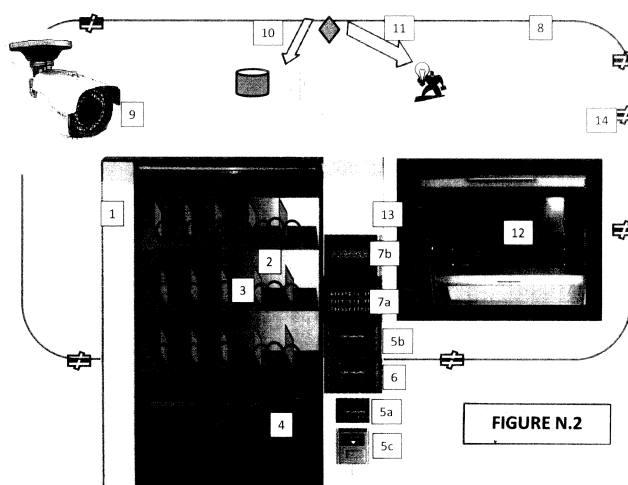


FIGURE N.2



EUROPEAN SEARCH REPORT

Application Number
EP 13 00 3025

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	W0 2009/001383 A1 (CONSOLARO DAVIDE MARIANO [IT]) 31 December 2008 (2008-12-31) * abstract * * page 6, line 13 - page 8, line 22 * * page 10, line 10 - line 19 * * page 14, line 17 - page 17, line 19 * * figure 1 * -----	1-12	INV. G07F11/00
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 February 2014	Examiner Fyhr, Jonas
<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 (P04C01)

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

EP 13 00 3025

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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04-02-2014

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