



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
10.03.2010 Bulletin 2010/10

(51) Int Cl.:
G09G 3/02 ^(2006.01) **G06K 11/06** ^(2006.01)

(43) Date of publication A2:
09.09.2009 Bulletin 2009/37

(21) Application number: **09001770.8**

(22) Date of filing: **09.02.2009**

(84) Designated Contracting States:
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 SE SI SK TR
Designated Extension States:
AL BA RS

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(30) Priority: **12.02.2008 IT VA20080008**

(54) **Defrosting detector label**

(57) The present Idea has as object a label to be applied on the packages of the foods to be deep-frozen. It is made by a grid or net fixed on a base covered by a cap, contains a coloured liquid, filled through a hole which is then closed by a film or a plate. The liquid contained in the "**defrosting detector label**", is made by a mixture composed by water, alcohol and/or salt and/or sugar further to the coloring agent which has the feature (in com-

pliance of the elements mixing) of remaining liquid also at temperatures below centigrade zero. And to consolidate only at a prefixed temperature. The label is applied to the food packages before the deep-freezing. After the deep-freezing the label will have an icicle kept by the net reservoir without the cap. In case of defrosting, the icicle will melt at the prefixed temperature, revealing the defrosting.

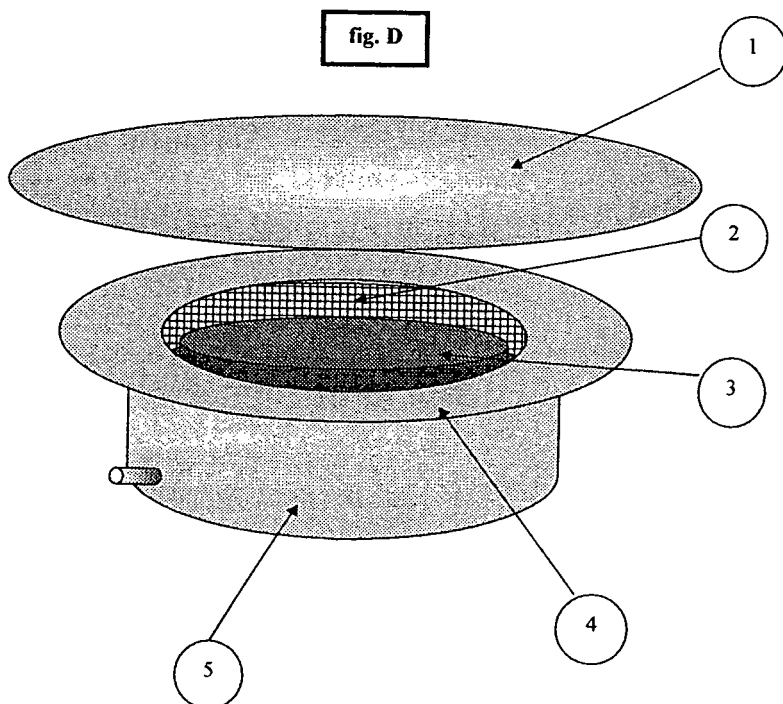


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EUROPEAN SEARCH REPORT

Application Number
EP 09 00 1770

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	US 6 042 264 A (PRUSIK THADDEUS [US] ET AL) 28 March 2000 (2000-03-28)	1-7, 10-13, 15-19	INV. G09G3/02 G06K11/06
Y	* column 7, line 16 - column 9, line 34; claim 1; figures 3-8; examples 1-4 *	14	
X	US 4 793 717 A (MANSKE WENDELL J [US]) 27 December 1988 (1988-12-27)	1-13, 15-19	
Y	* column 3, line 37 - column 8, line 40; figures 1-8 *	14	
X	DE 25 47 638 A1 (NEUWOEHNER KURT) 28 April 1977 (1977-04-28)	1-7, 10-13, 15-19	
Y	* page 15, paragraph 2 - page 26, paragraph 1; figures 1-8 *	14	
Y	DE 37 15 289 A1 (FRITZ GEORG [DE]) 24 November 1988 (1988-11-24) * column 1, line 27 - column 2, line 30; figures 1-4 *	14	
			TECHNICAL FIELDS SEARCHED (IPC)
			G06K G09F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 1 February 2010	Examiner Pavlov, Valeri
CATEGORY OF CITED DOCUMENTS 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		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	

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EPO FORM 1503 03.82 (P04C01)

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

EP 09 00 1770

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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01-02-2010

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