

Title (en)
Defrosting detector label

Title (de)
Abtauerkennungsetikett

Title (fr)
Étiquette de détection de dégivrage

Publication
EP 2099012 A3 20100310 (EN)

Application
EP 09001770 A 20090209

Priority
IT VA20080008 A 20080212

Abstract (en)
[origin: EP2099012A2] 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 compliance 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.

IPC 8 full level
G09G 3/02 (2006.01); **G06K 11/06** (2006.01)

CPC (source: EP)
G09F 3/0291 (2013.01)

Citation (search report)

- [XY] US 6042264 A 20000328 - PRUSIK THADDEUS [US], et al
- [XY] US 4793717 A 19881227 - MANSKE WENDELL J [US]
- [XY] DE 2547638 A1 19770428 - NEUWOEHNER KURT
- [Y] DE 3715289 A1 19881124 - FRITZ GEORG [DE]

Designated contracting state (EPC)
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 state (EPC)
AL BA RS

DOCDB simple family (publication)
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