INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(10) International Publication Number
WO 2013/112202 A3

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
1 August 2013 (01.08.2013)

(02) Abstract


Declarations under Rule 4.17:
— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.1.7.(in))

Published:
— with international search report (Art. 21(3))

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

A65B 25/06 (2006.01)

INVENTOR; and


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Title: SYSTEMS AND METHODS FOR MAINTAINING RED MEAT

Abstract: Disclosed herein are systems, methods and processes for preparing, packaging and preserving red meat, especially maintaining the freshness and color of the meat. In one embodiment, the disclosed method comprises treating the meat with an inert gas followed by replacement of at least a portion of that inert gas with carbon dioxide.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B65B 25/06 (201 2.01 )
USPC - 426/392

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC (8) - B65B 25/06 (2012.01)
USPC - 426/392

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 426/574,92

Electronic database consulted during the international search (name of database and, where practicable, search terms used)
PatBase - beef meat N2 nitrogen CO2 dioxide hemoglobin metmyoglobin brown browning discoloration oxidation oxidized color flush vacuum
Google - (beef OR red-meat) (browning OR discoloration OR oxidation) nitrogen flush followed by C02

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.

X US 2005/0003059 A1 (MCFARLANE, ET AL.) 06 January 2005 (06.01.2005), paras [0015]-[0016],[0018]-[0019],[0031],[0035],[0039],[0041],[0044] 1-6


A US 5,529,178 A (GORLICH) 25 June 1996 (25.06.1996), entire document 1-6


* Special categories of cited documents:

"A" document defining the genera state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
24 October 2012 (24.10.2012)

Date of mailing of the international search report
16 NOV 2012

Authorized officer: Lee W. Young

PCT Helpdesk: 571-272-4300
PCT DSP: 571-272-7774

Form PCT/ISA/210 (second sheet) (July 2009)