

Title (en)
APPARATUS, SYSTEM, AND METHOD FOR STORAGE OF MUSHROOMS

Title (de)
VORRICHTUNG, SYSTEM UND VERFAHREN ZUM LAGERN VON PILZEN

Title (fr)
APPAREIL, SYSTEME ET METHODE POUR STOCKER DES CHAMPIGNONS

Publication
EP 1940253 A4 20111130 (EN)

Application
EP 06816761 A 20061006

Priority
• US 2006039821 W 20061006
• US 72514005 P 20051007

Abstract (en)
[origin: WO2007044835A2] A method for extending freshness of Agaricus bisporus mushrooms is described. In one embodiment, the method includes providing a modified atmosphere in contact with Agaricus bisporus mushrooms. The modified atmosphere includes from 14% to 18% by volume of oxygen and from 5% to 9% by volume of carbon dioxide.

IPC 8 full level
A23B 7/148 (2006.01); **B65D 81/20** (2006.01); **B65D 85/50** (2006.01)

CPC (source: EP US)
A23B 7/148 (2013.01 - EP US); **B65D 81/2084** (2013.01 - EP US); **B65D 85/50** (2013.01 - EP US)

Citation (search report)
• [X] US 6190710 B1 20010220 - NIR MOIRA MARX [IL], et al
• [XI] US 6441340 B1 20020827 - VARRIANO-MARSTON ELIZABETH [US]
• [A] US 4842875 A 19890627 - ANDERSON HARRY S [US]
• [X] NICHOLS R ET AL: "The relationship between respiration, atmosphere and quality in intact and perforated mushroom pre-packs.", JOURNAL OF FOOD TECHNOLOGY, vol. 10, no. 4, 1975, pages 427 - 435, XP002660959, DOI: 10.1111/j.1365-2621.1975.tb00048.x
• [XI] RAJ RAI D ET AL: "Effect of modified atmosphere (MA) packaging on glutathione and some other qualitative parameters of hiratake mushroom.", JOURNAL OF THE JAPANESE SOCIETY FOR HORTICULTURAL SCIENCE, vol. 69, no. 4, 2000, pages 435 - 439, XP009152863, ISSN: 0013-7626
• See references of WO 2007044835A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007044835 A2 20070419; WO 2007044835 A3 20070628; AU 2006302100 A1 20070419; CA 2624628 A1 20070419; EP 1940253 A2 20080709; EP 1940253 A4 20111130; JP 2009511022 A 20090319; US 2008093241 A1 20080424

DOCDB simple family (application)
US 2006039821 W 20061006; AU 2006302100 A 20061006; CA 2624628 A 20061006; EP 06816761 A 20061006; JP 2008534788 A 20061006; US 54426006 A 20061006