

Title (en)

Method and apparatus for preserving and packaging food products

Title (de)

Verfahren und Vorrichtung zum Konservieren und Verpacken von Nahrungsmitteln

Title (fr)

Procédé et dispositif pour conserver et emballer des produits alimentaires

Publication

EP 0931723 B1 20080423 (EN)

Application

EP 99100601 A 19990114

Priority

IT GO980001 A 19980121

Abstract (en)

[origin: EP0931723A1] Method to preserve and package food products, particularly pre-cut meat in slices or pieces or similar products, wherein a pack of a known volume containing the foodstuff to be packaged is filled with a gassy mixture of a suitably pre-determined composition and then sealed in such a manner as to define a condition of preservation in a modified atmosphere, the gassy mixture containing at least a gassy substance to inhibit the proliferation of bacterial flora contained in the foodstuff such as carbon dioxide (CO₂) or similar, the inhibiting gassy substance being mixed with azote or other appropriate gassy substance, the packaging taking place in conditions of constant temperature and defined values of weight and size of the foodstuff in ratio to the volume of the pack, the percentage content of inhibiting gassy substance in the gassy mixture introduced into the pack being correlated at least to the color of the meat to be packaged. Device to package food products, particularly pre-cut meat in slices or pieces or similar products, comprising a line feeding open tray-type containers (12), an assembly to feed a film (13), a vacuum chamber (14) inside which there are means to deliver a gassy filling mixture, sealing means arranged at outlet of said vacuum chamber (14), the device including means (16) to regulate the percentage quantity of inhibiting gassy substance in the gassy mixture and means (17) to regulate the delivery time of the mixture according to the absolute quantity of mixture to be delivered so as to obtain an excess quantity with respect to the free volume of the tray-type container (12), the means (16, 17) being governed by at least a measurement of the color of the meat (15) to be packaged. <IMAGE>

IPC 8 full level

B65B 25/06 (2006.01)

CPC (source: EP)

B65B 25/067 (2013.01)

Cited by

DE102010053872C5; JP5161205B2; KR101678488B1; DE102010053872B4; EP2132991A4; US9204666B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 0931723 A1 19990728; EP 0931723 B1 20080423; EP 0931723 B8 20080716; AT E393096 T1 20080515; DE 69938569 D1 20080605; IT 1305859 B1 20010521; IT GO980001 A1 19990721

DOCDB simple family (application)

EP 99100601 A 19990114; AT 99100601 T 19990114; DE 69938569 T 19990114; IT GO980001 A 19980121