

Title (en)
METHOD FOR PACKAGING PERISHABLES

Publication
EP 0289291 A3 19890726 (EN)

Application
EP 88303808 A 19880427

Priority
US 4342787 A 19870428

Abstract (en)
[origin: EP0289291A2] A method for determining and controlling the proper modified or unmodified atmosphere packaging for cut or uncut respiring perishables such as cauliflower, lettuce and broccoli includes the steps of determining the respiration rate of the respiring perishable, preparing a plurality of packages containing the respiring perishable with each package having a different permeant factor, determining a value called atmosphere quotient for each of the packages according to this formula: atmosphere quotient equals permeant factor divided by respiration rate; subjecting each of the packages to known conditions of temperature and pressure over a known period of time and correlating the subjective and objective indicia of quality, appearance and marketability of the respiring perishable from each package to the atmosphere quotient values determined according to the foregoing formula, and then varying one or more of the values of the components that affect permeant factor to achieve and maintain the optimum value or range of values for atmosphere quotient.

IPC 1-7
B65B 25/04; B65B 31/00; B65D 81/24; A23B 7/148; A23L 3/34

IPC 8 full level
A01F 25/14 (2006.01); **A23B 7/12** (2006.01); **A23B 7/148** (2006.01); **B65B 25/04** (2006.01); **B65B 31/00** (2006.01); **B65D 81/18** (2006.01); **B65D 85/50** (2006.01)

CPC (source: EP)
B65B 25/041 (2013.01); **B65B 31/00** (2013.01)

Citation (search report)
[A] US 3450543 A 19690617 - BADRAN ADNAN M, et al

Cited by
WO2006086827A1; US6684605B2; US6357207B1; US6460316B1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0289291 A2 19881102; **EP 0289291 A3 19890726**; **EP 0289291 B1 19931013**; AU 1479188 A 19881103; AU 5649694 A 19940505; AU 613909 B2 19910815; AU 686584 B2 19980212; AU 7835791 A 19910905; CA 1312002 C 19921229; DE 3884851 D1 19931118; DE 3884851 T2 19940511; ES 2043815 T3 19940101; JP S63281973 A 19881118

DOCDB simple family (application)
EP 88303808 A 19880427; AU 1479188 A 19880420; AU 5649694 A 19940301; AU 7835791 A 19910612; CA 564895 A 19880422; DE 3884851 T 19880427; ES 88303808 T 19880427; JP 10443688 A 19880428