

Title (en)
Packaging provided with a film with controlled deformation

Title (de)
Verpackung mit einer Folie mit gesteuerter Verformung

Title (fr)
Emballage pourvu d'un film à déformation maîtrisée

Publication
EP 2248737 A1 20101110 (FR)

Application
EP 10162322 A 20100507

Priority
• FR 0953042 A 20090507
• FR 0953048 A 20090507
• FR 0953049 A 20090507

Abstract (en)
The assembly (1) has an inner package (7) closed by a sealing film (11) and containing a food product (5) to be heated and/or cooked. An outer package (9) has an opening through which the inner package is glided and removed. The outer package is provided with a maintaining unit for maintaining movable lateral flaps (13a) in a closed state until the end of heating by providing confined heating at certain threshold temperature and/or pressure before liberating opening of the flap. The film is covered by a retaining wall (9a) of the outer package. The sealing film is used as a DARFRESH(RTM: vacuum skin package type film). An independent claim is also included for a method for packaging and cooking a food product.

Abstract (fr)
Est concerné un ensemble adapté pour être chauffé dans une enceinte micro-ondes. Un emballage intérieur (7) renferme un produit alimentaire à chauffer et comprend un film étirable (11). Ce film est recouvert par une paroi de retenue (9a) d'un emballage extérieur (9) qui assure un maintien de la paroi au dessus du film (11) pendant au moins une partie de la durée pendant laquelle une augmentation de la pression dans l'emballage intérieur (7) fermé crée une déformation du film, laquelle est contrariée par la paroi de retenue qui est moins déformable que le film étirable (11), à la même pression.

IPC 8 full level
B65D 77/02 (2006.01); **B65D 75/30** (2006.01); **B65D 77/22** (2006.01); **B65D 81/26** (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP)
B65D 75/305 (2013.01); **B65D 77/02** (2013.01); **B65D 81/264** (2013.01); **B65D 81/3453** (2013.01); **B65D 81/2015** (2013.01)

Citation (applicant)
WO 02060223 A1 20020801 - STEAMWAY FRANCHISE SALES INC [US], et al

Citation (search report)
• [A] WO 02060223 A1 20020801 - STEAMWAY FRANCHISE SALES INC [US], et al
• [A] WO 9739949 A1 19971030 - CARNIVAL BRAND SEAFOOD COMPANY [US]
• [A] US 2005077291 A1 20050414 - BAKER MARK [US]
• [A] WO 2005041619 A1 20050506 - STEAMWAY FRANCHISE SALES INC [US], et al
• [A] GB 2369341 A 20020529 - MCCAIN FOODS [GB]
• [X] EP 0271268 A2 19880615 - CONAGRA INC [US]
• [X] EP 0218419 A1 19870415 - MINNESOTA MINING & MFG [US]

Cited by
US2017088297A1; US2018222609A1; GB2546849A; GB2526691B; DE102019200944A1; US11407537B2; WO2017136257A1

Designated contracting state (EPC)
AL 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 SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2248737 A1 20101110; EP 2248737 B1 20120314; AT E549266 T1 20120315

DOCDB simple family (application)
EP 10162322 A 20100507; AT 10162322 T 20100507