

Title (en)

Food package for heating in an oven

Title (de)

Lebensmittelverpackung zur Erwärmung in einem Ofen

Title (fr)

Conditionnement pour aliments à réchauffer dans un four

Publication

EP 1422163 A1 20040526 (EN)

Application

EP 02388075 A 20021122

Priority

EP 02388075 A 20021122

Abstract (en)

A packaging for packing of articles of food and heating thereof in an oven, especially a microwave oven and comprising at least one sealable packaging material (2) at least partially defining a closed chamber (16) containing the article of food. The packaging further includes a venting means for allowing gas and vapour or steam released during the heating of the article of food to escape from the chamber. The venting means is a pressure relief valve (18) opening at a predetermined excess pressure generated in the inner chamber (16) of the packaging. The valve (18) includes a first inner film (10) provided with a first opening (13, 14) communicating with the inner chamber (16) of the packaging and a second outer flexible film (11) covering the opening (13, 14) in the first inner film (10) and connected thereto to form a channel portion (12) between the inner and the outer films. The channel portion (12) communicates with the surroundings of the packaging through a second opening (15) being offset in relation to the first opening (13, 14). <IMAGE>

IPC 1-7

B65D 81/34; B65D 77/22

IPC 8 full level

B65D 77/22 (2006.01); **B65D 81/34** (2006.01)

CPC (source: EP)

B65D 77/225 (2013.01); **B65D 81/3453** (2013.01); **B65D 81/3461** (2013.01)

Citation (search report)

- [X] EP 1157942 A1 20011128 - KIM BANG HYUN [KR], et al
- [X] FR 2796924 A1 20010202 - PROPLAST [FR]
- [XAY] EP 0661219 A2 19950705 - PACKS CO LTD [JP]
- [X] EP 0915013 A1 19990512 - BRODART SA [FR]
- [X] JP 2001301802 A 20011031 - MITSUBISHI ALUMINIUM
- [X] EP 1122189 A1 20010808 - MORINAGA MILK INDUSTRY CO LTD [JP]
- [YD] WO 8807479 A1 19881006 - BOSCH GMBH ROBERT [DE]
- [Y] US 4640838 A 19870203 - ISAKSON GARY A [US], et al

Cited by

CH700481A1; ITVA20100086A1; US2018170645A1; EP2157030A1; EP2070837A1; EP1600399A1; US10120553B1; US10101035B1; US10155602B2; US8829400B2; US9737085B2; WO2010096939A1; WO2016205649A1; WO2010020436A1; WO2004106190A1; WO2018194715A1; WO2007020854A1; WO2009077841A1; US10070485B1; US10952285B2; US10061285B1; US10331102B2; US7927015B2; US8371752B2; US10009963B1; US10839175B2; WO2006092562A1; JP2013209128A; WO2007006060A1; WO2006012282A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1422163 A1 20040526; AU 2003280319 A1 20040618; WO 2004048225 A1 20040610

DOCDB simple family (application)

EP 02388075 A 20021122; AU 2003280319 A 20031113; DK 0300779 W 20031113