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(54) **Vented food container**

(57) The present invention provides a container (1) for packaging food, in which a sheet (4) seals a vent hole (3) formed at a portion of the container (1) cannot so easily be peeled off but, when the food is heated by an microwave oven, the sheet (4) automatically comes off at the time when the food contained in the container has reached the adequately cooked state. Specifically, the present invention is produced by enclosing food,

which contains water or an aqueous solution, in the container for packaging food, the container (1) for packaging food having, on one side thereof, a surface portion (2) made of plastic sheet, at least one vent hole (3), the vent hole being sealed by an adhesive hole-sealing sheet (5) whose vertical peeling strength is no less than 1N/cm in the temperature range of 40°C or lower and is no higher than 0.1N/cm at the temperature range of 80°C or higher.

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EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 0620

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 873 101 A (LARSON CURTIS L ET AL) 10 October 1989 (1989-10-10)	1-5,8	B65D81/34
A	* column 3, line 52 - column 4, line 57; figure 7 * * column 5, line 42 * ---	6	
A	US 4 640 838 A (ISAKSON GARY A ET AL) 3 February 1987 (1987-02-03)	1	
A	US 4 141 487 A (METTLER MARK F ET AL) 27 February 1979 (1979-02-27)	1	
A	US 5 989 608 A (MIZUNO MAKI) 23 November 1999 (1999-11-23)	5,8	
A	US 5 587 192 A (BEIZERMANN MICHEL) 24 December 1996 (1996-12-24)	9	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B65D
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>4 July 2001</b>	Examiner <b>Sundell, O</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 0620

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04-07-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4873101 A	10-10-1989	AU 1911988 A	16-02-1989
		AU 607239 B	28-02-1991
		CA 1309984 A	10-11-1992
		EP 0303428 A	15-02-1989
		JP 1070381 A	15-03-1989
		US 5041325 A	20-08-1991
		CA 1283384 A	23-04-1991
		DE 3680982 A	26-09-1991
		DK 449886 A, B,	27-03-1987
		EP 0218419 A	15-04-1987
		JP 2050896 C	10-05-1996
		JP 7086029 B	20-09-1995
		JP 62193982 A	26-08-1987
US 4865854 A	12-09-1989		
US 4640838 A	03-02-1987	AU 2962489 A	08-06-1989
		AU 585244 B	15-06-1989
		AU 4613385 A	13-03-1986
		BR 8504131 A	17-06-1986
		CA 1241701 A	06-09-1988
		DE 3571593 D	24-08-1989
		DK 370985 A, B,	07-03-1986
		EP 0174188 A	12-03-1986
		JP 1623090 C	25-10-1991
		JP 2049986 B	31-10-1990
		JP 61069576 A	10-04-1986
		KR 9302049 B	22-03-1993
		MX 163238 B	20-03-1992
PH 22232 A	01-07-1988		
ZA 8506823 A	29-04-1987		
US 4141487 A	27-02-1979	NONE	
US 5989608 A	23-11-1999	NONE	
US 5587192 A	24-12-1996	CA 2132647 A	23-03-1996
		FR 2698082 A	20-05-1994
		AT 147044 T	15-01-1997
		DE 69307105 D	13-02-1997
		EP 0597741 A	18-05-1994
		DE 69307105 T	17-04-1997
		ES 2096247 T	01-03-1997

EPC FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82