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(54) **Method for the manufacturing of stainless pots and pans with machined inner surface and product thereby obtained**

(57) The present invention relates to a method for the manufacture of stainless steel pots and pans with machined inner surface. It comprises supplying a strip of stainless steel plate, presenting on one of its sides a smooth surface and on its opposite side a finish decorated with projections, cutting the plate into sheets, cutting the sheets into portions of the desired size and stacking them, lubricating said plate portions, and press forming or drawing, performed in such a way that the concave surface of the pots and pans obtained is the one presenting said finish decorated with projections. The invention also pertains to the product thereby obtained.

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EUROPEAN SEARCH REPORT

Application Number
EP 98 83 0713

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 5 628 426 A (DOYLE TERENCE O ET AL) 13 May 1997 (1997-05-13) * the whole document *	1, 3	B21D51/22 A47J27/00
X	US 5 471 731 A (WELHOUSE HAROLD L) 5 December 1995 (1995-12-05) * the whole document *	1	
X	EP 0 668 041 A (SEB SA) 23 August 1995 (1995-08-23) * the whole document *	1	
X	EP 0 259 056 A (MEYER MANUF CO LTD) 9 March 1988 (1988-03-09) * the whole document *	3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A47J B21D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 21 November 2000	Examiner Ritter, F
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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

EP 98 83 0713

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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21-11-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5628426 A	13-05-1997	NONE	
US 5471731 A	05-12-1995	US 5440973 A CA 2145109 A,C	15-08-1995 07-10-1995
EP 0668041 A	23-08-1995	FR 2716100 A DE 69501343 D DE 69501343 T DE 668041 T ES 2076924 T JP 8047457 A	18-08-1995 12-02-1998 07-05-1998 29-02-1996 16-11-1995 20-02-1996
EP 0259056 A	09-03-1988	GB 2194879 A DE 3751636 D DE 3751636 T DE 3771811 A EP 0515705 A HK 100593 A KR 9208546 B US 4768427 A	23-03-1988 25-01-1996 02-05-1996 05-09-1991 02-12-1992 30-09-1993 01-10-1992 06-09-1988

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