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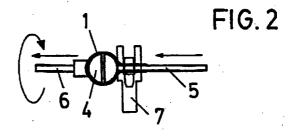
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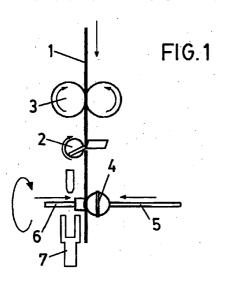
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(54) METHOD AND DEVICE FOR PLACING THE WRAPPERS OF LOLLIPOPS

(57) Method and device for placing the wrapper of stick candy where the paper advances continuously by means of a revolving blade (2) where, after cutting, the head of the stick candy (4) and a pusher hold the paper (1) while the pusher revolves, causing the paper to wrap around head (4) of the candy, and in the meantime the set moves until the part of the stick (5) near the head (4) is placed under clip (7) which closes wrapping paper (1) on the stick (5) and seals it, where the stick candy are fed to plate (9) directly by means of a chain (8) with input (10) and output (11) loops and carrying means (8.1).





INTERNATIONAL SEARCH REPORT al Application No PCT/ES 99/00124 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B65811/14 B658 B65D75/10 A23G7/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 865B B65D A23G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages 1-3 EP 0 036 282 A (WRIGLEY W M JUN CO) χ 23 September 1981 (1981-09-23) claims 3,6; figures 3,10-13 1,3 GB 328 145 A (A.G. ROSE) χ 24 April 1930 (1930-04-24) 2 Υ page 4, line 3 - line 87; figures 1,8 2 US 2 744 370 A (A.SERAGNOLI) Υ 6 April 1951 (1951-04-06) figures 1-3,14 US 5 519 981 A (FUKUSAKI HIROAKI) Α 28 May 1996 (1996-05-28) figures 8,4,10A,10B,10C,18-20D -/--Patent family members are fisted in annex. Further documents are listed in the continuation of box C. | X | ² Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the lart which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive stap when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family

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Name and mailing address of the ISA

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Category -	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 630 305 C (JAGENBERG-WERKE) 7 May 1933 (1933-05-07) figures 5,6	1
A	GB 2 277 511 A (BERNAT ENRIQUE F SA) 2 November 1994 (1994-11-02)	
A	EP 0 073 535 A (AQUARIUS C) 9 March 1983 (1983-03-09)	
A	GB 831 135 A (ROSE BROTHERS) 23 March 1960 (1960-03-23) the whole document	1
A	EP 0 018 701 A (AQUARIUS C) 12 November 1980 (1980-11-12)	
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