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(54) Title: A BISCUIT PRODUCTION ASSEMBLY WITH THERMAL PRINTING

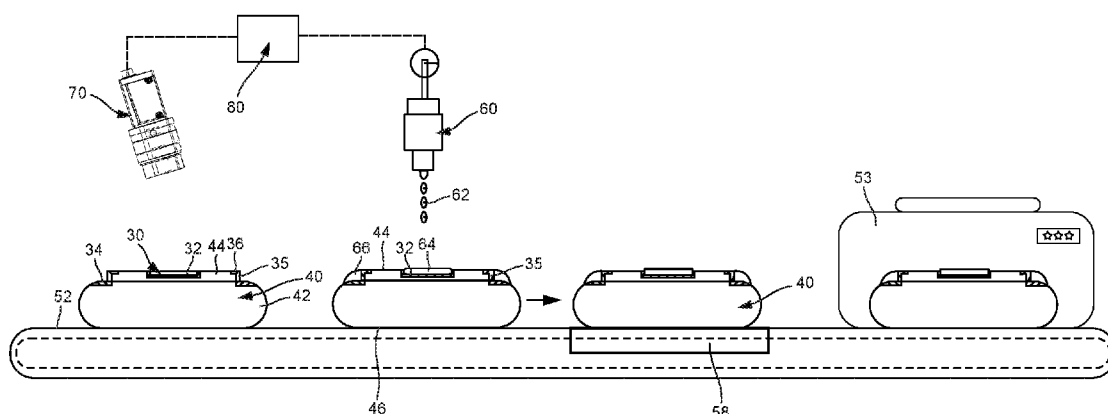


Figure 1b

(57) Abstract: The invention relates to a biscuit production assembly, comprising a hot stamp (20) engaging to the individual biscuit (40) to form a cavity (32) with a predetermined pattern by means of a support wall (24) having a temperature selected from 80°C to 350°C, and a depositor (60) supplying a filling (62) at least partially fills the cavity (32) at the filling mode. The biscuit production assembly also comprises a camera (70) that captures an image (31) of the individual biscuit (40) on the conveyor (50) by being positioned above the conveyor (50), a controller (80) with a signal transmission by the camera (70) is detecting a first position (R) of the cavity (32) on the conveyor (50) via image (31) processing and switching the depositor (60) to filling mode when the depositor (60) is aligned to the first position (R).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

A21D 13/00 (2017.01)i; A23P 10/00 (2016.01)i; B29C 33/00 (2006.01)i; B29C 43/00 (2006.01)i; B29C 51/00 (2006.01)i

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A21D; A23P; B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

TURKPATENT Database, Web search

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, EPO English Full-text databases & Keywords: biscuit, cake, hot press, hot stamp, thermal press, compression, mold, cavity, depositor, filling, camera, nozzle, controller, conveyor, belt, cooling unit, image capture, image signal, first position, position detection

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RU 2133572 C1 (NESTLE SA [CH]) 27 July 1999 (1999-07-27) Description: especially paragraph 6-10	1-13
A	CN 105557906 A (GUIZHOU HUATENG AGRICULTURAL SCIENCE AND TECH CO LTD) 11 May 2016 (2016-05-11) The whole document	1-13
A	AU 2011231371 A1 (CADBURY UK LTD (B2)CADBURY UK LTD [GB]) 11 October 2012 (2012-10-11) Description: especially page 6, 7	1-13
A	WO 2019188935 A1 (FUJIFILM CORP [JP]) 03 October 2019 (2019-10-03) Description: especially paragraphs 1, 79, 80, 85-87	1-13
A	JP 2013188793 A (KYOHO MACHINE WORKS LTD) 26 September 2013 (2013-09-26) Abstract, Figures	1-13



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A	CN 101323197 A (HANPING ZHENG [CN]) 17 December 2008 (2008-12-17) The whole document	1-13

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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