

Title (en)

PRODUCTION OF COOKIES WITH EXTRUSION AND POST EXTRUSION BAKING

Publication

EP 0476001 A4 19921104 (EN)

Application

EP 90908878 A 19900607

Priority

- US 36237589 A 19890607
- US 36274789 A 19890607

Abstract (en)

[origin: WO9014769A1] The present invention relates to the production of cookies which exhibit a cookie crumb-like structure and structural integrity. The extruder (10) is divided into a blending zone, a heat treatment zone, a conveyance zone and a mixing zone. The ingredients comprising flour and oil fed through the first dry ingredient feed port (30) and first liquid port (32) are thoroughly mixed and heat treated by overall conveying, churning and mixing action of the screws connected to motor (28) within the barrel. Upstream other drying ingredients such as crystalline sugar and leavening agents are fed into port (31) and water at port (33) which are further mixed. A partially baked and uniformly mixed, homogeneous cookie dough-like mass is then extruded from the extrusion die plate (79). The dough-like mixture is leavened and further browned using post-extrusion baking, such as microwave, dielectric radio frequency, infrared, conductive, or convection, frying, or a combination thereof.

IPC 1-7

A21D 8/00

IPC 8 full level

A21C 3/04 (2006.01); **A21C 11/16** (2006.01); **A21D 8/02** (2006.01)

CPC (source: EP)

A21C 3/04 (2013.01); **A21C 11/163** (2013.01); **A21D 8/02** (2013.01); **B65G 2201/0205** (2013.01)

Citation (search report)

- [Y] EP 0275878 A2 19880727 - CPC INTERNATIONAL INC [US]
- [Y] EP 0195702 A1 19860924 - CLESTRAL [FR]
- [A] US 4423078 A 19831227 - DARLEY KENNETH S [CA], et al
- See references of WO 9014769A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9014769 A1 19901213; EP 0476001 A1 19920325; EP 0476001 A4 19921104

DOCDB simple family (application)

US 9003085 W 19900607; EP 90908878 A 19900607