Title (en)

DEVICE FOR CUTTING A FOOD PRODUCT STRAND

Title (de

VORRICHTUNG ZUM SCHNEIDEN EINES LEBENSMITTELSTRANGS

Title (fr)

DISPOSITIF POUR COUPER UN TRONÇON D'ALIMENTS

Publication

EP 3359356 A1 20180815 (DE)

Application

EP 16774481 A 20160928

Priority

- DE 102015116887 A 20151005
- EP 2016073032 W 20160928

Abstract (en)

[origin: WO2017060134A1] The present invention relates to a method for cutting a food product, in particular a food product strand, into portions, in particular into strips or cubes, comprising the following method steps: a) The food product is advanced to a cutting device (2) by means of an advancing device (12). b) Successive portions are cut off from the food product from an end of the food product which faces the cutting device (2) by means of at least one cutting element (3), wherein the cutting element (3) is guided by means of a disc-shaped cutting element carrier (4), on which the cutting element (3) is arranged, wherein the cutting element carrier (4) is rotated about a drive axis (10) which is oriented at least substantially parallel to an advancing direction (7) of the advancing device (12). c) During one-time guiding of the cutting element (3) past the end of the food product, a multiplicity of strip-shaped portions are produced. In order to provide a method, by means of which it is possible to produce cube-shaped portions in a particularly rapid manner, according to the invention the portions which are being produced are cut to size by means of at least one length cutting device (5) after the cutting by means of the at least one cutting element (3). The present invention further relates to a corresponding device.

IPC 8 full level

B26D 1/29 (2006.01); B26D 1/00 (2006.01); B26D 3/22 (2006.01); B26D 7/06 (2006.01); B26D 11/00 (2006.01)

CPC (source: EP US)

B26D 1/0006 (2013.01 - EP US); B26D 1/29 (2013.01 - EP US); B26D 3/22 (2013.01 - EP US); B26D 7/0608 (2013.01 - EP US); B26D 7/0608 (2013.01 - EP US); B26D 2001/0033 (2013.01 - EP US); B26D 2001/0046 (2013.01 - EP US); B26D 2210/02 (2013.01 - EP US)

Citation (search report)

See references of WO 2017060134A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102015116887 A1 20170406**; EP 3359356 A1 20180815; EP 3359356 B1 20190918; ES 2753646 T3 20200413; PL 3359356 T3 20200430; US 2018272551 A1 20180927; WO 2017060134 A1 20170413

DOCDB simple family (application)

**DE 102015116887 A 20151005**; EP 16774481 A 20160928; EP 2016073032 W 20160928; ES 16774481 T 20160928; PL 16774481 T 20160928; US 201815945898 A 20180405