

Title (en)

Method and device for cutting food products

Title (de)

Verfahren und Vorrichtung zum Aufschneiden von Lebensmittelprodukten

Title (fr)

Procédé et dispositif destinés à la coupe de produits alimentaires

Publication

EP 2420362 B1 20150415 (DE)

Application

EP 10015901 A 20101221

Priority

- DE 102010034674 A 20100818
- DE 102010034675 A 20100818
- DE 102010034677 A 20100818

Abstract (en)

[origin: EP2420362A1] The method involves cutting food products (11) using a cutting device i.e. high-performance slicer, where the device exhibits a cutting knife rotated in a cutting plane (13) around a knife axis and circulating around a middle axis. The products are individually supplied to the knife depending on information such as an outer contour and/or an inner structure of the products. Empty cuts are temporarily performed in a passive line and/or the supply of the products is interrupted while the products are cut in an active line. The products are drawn back from the cutting plane in the passive line. An independent claim is also included for a device i.e. high-performance slicer, for cutting food products.

IPC 8 full level

B26D 5/20 (2006.01); **B26D 7/06** (2006.01); **B26D 7/30** (2006.01); **B26D 7/32** (2006.01); **B65B 35/50** (2006.01)

CPC (source: EP US)

B26D 5/20 (2013.01 - EP US); **B26D 7/0608** (2013.01 - EP US); **B26D 7/30** (2013.01 - EP US); **B26D 7/32** (2013.01 - EP US); **B26D 7/325** (2013.01 - EP US); **B26D 7/0625** (2013.01 - EP US); **B26D 7/0683** (2013.01 - EP US); **B26D 7/18** (2013.01 - EP US); **B26D 2007/011** (2013.01 - EP US); **B26D 2210/02** (2013.01 - EP US); **B26D 2210/08** (2013.01 - EP US); **B65B 25/08** (2013.01 - EP US); **Y10T 83/0448** (2015.04 - EP US); **Y10T 83/202** (2015.04 - EP US)

Citation (examination)

- DE 10054514 A1 20020516 - BIFORCE ANSTALT VADUZ [LI]
- US 2009120256 A1 20090514 - PASEK JAMES E [US]

Cited by

EP2942165B1; EP2942167A1; EP2808136A1; EP3466624A1; US2022234236A1; US11945132B2; WO2017098008A1; US9381660B2; US10377055B2; WO2017085313A1; EP2808136B1; EP3386693B1

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

DOCDB simple family (publication)

EP 2420362 A1 20120222; **EP 2420362 B1 20150415**; ES 2535968 T3 20150519; US 2012042757 A1 20120223; US 9764490 B2 20170919

DOCDB simple family (application)

EP 10015901 A 20101221; ES 10015901 T 20101221; US 201113211982 A 20110817