

Title (en)

Method for cutting a food bar using an oscillation sensor

Title (de)

Verfahren zum Aufschneiden eines Lebensmittelriegels unter Verwendung eines Schwingungssensors

Title (fr)

Procédé de coupe d'une barre de produit alimentation en utilisant un capteur de vibrations

Publication

EP 2599598 B1 20190918 (DE)

Application

EP 12193384 A 20121120

Priority

DE 102011119719 A 20111130

Abstract (en)

[origin: EP2599598A2] The slicing method involves separating food slices (6) from a food bar (3) using a cutting knife (2) of a slicing device (1), where a vibration sensor (8) is provided, which receives vibrations generated during impinging of the cutting knife on the food bar, during the entry of the cutting knife into the food bar or during cutting of the food bar. A signal (10) of the vibration sensor is used for setting slicing process or portioning process, where drive of the cutting knife or the orbital movement of the cutting knife is set. The position of the cutting knife is set in x- or y-direction.

IPC 8 full level

B26D 1/157 (2006.01); **B26D 5/00** (2006.01); **B26D 5/02** (2006.01)

CPC (source: EP US)

B26D 1/157 (2013.01 - EP US); **B26D 5/00** (2013.01 - EP US); **B26D 5/02** (2013.01 - US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/05** (2015.04 - EP US)

Cited by

EP3848168A1; EP3456494A1; US2022024064A1; US11911925B2; US10850419B2; EP3378616B1

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 2599598 A2 20130605; **EP 2599598 A3 20140122**; **EP 2599598 B1 20190918**; DE 102011119719 A1 20130606; ES 2752326 T3 20200406; US 2013319196 A1 20131205

DOCDB simple family (application)

EP 12193384 A 20121120; DE 102011119719 A 20111130; ES 12193384 T 20121120; US 201213681658 A 20121120