

Title (en)

Food processing device and method for the sequential scanning of food products

Title (de)

Lebensmittelverarbeitungsvorrichtung und Verfahren zum sequentiellen Scannen von Lebensmittelprodukten

Title (fr)

Dispositif de traitement de produits alimentaires et procédé de balayage séquentiel de produits alimentaires

Publication

**EP 2711147 B1 20210616 (DE)**

Application

**EP 13004322 A 20130903**

Priority

DE 102012018754 A 20120921

Abstract (en)

[origin: EP2711147A1] The apparatus has a scanner (2) including a scanning unit (17) i.e. radiographic unit, for determining properties of food products (4-7) e.g. food bar. Two parallel separately drivable conveyor tracks (8-15) supply the food products to the scanner, and a control unit controls the drive of the conveyor tracks. The control unit separately controls drive of the conveyor tracks to convey the food products of the conveyor tracks through a scanning area of the scanner. The scanning unit comprises an X-ray source and a detector. An independent claim is also included for a method for scanning food products with a scanner.

IPC 8 full level

**B26D 5/32** (2006.01); **B26D 5/20** (2006.01); **B26D 7/06** (2006.01)

CPC (source: EP US)

**B26D 5/007** (2013.01 - US); **B26D 5/20** (2013.01 - EP US); **B26D 5/32** (2013.01 - EP US); **B26D 7/0625** (2013.01 - EP US); **B26D 7/32** (2013.01 - US); **Y10T 83/0586** (2015.04 - EP US); **Y10T 83/182** (2015.04 - EP US); **Y10T 83/536** (2015.04 - EP US)

Citation (opposition)

Opponent : Marel Iceland ehf.

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- WO 2006061024 A1 20060615 - SCANVAEGT INT AS [DK], et al
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- JP S58198732 A 19831118 - ISHIDA SCALE MFG CO LTD
- "Handbuch des Wägens, 2. bearbeitete und erweiterte Auflage", November 1989, SPRINGER, article KOCHSIEK, M: "Absolut- und Differenzwägung", pages: 51 - 52, XP055906001

Cited by

EP2808136A1; US9381660B2; EP2808136B1; EP2711147A1

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 2711147 A1 20140326; EP 2711147 B1 20210616; EP 2711147 B2 20240612**; DE 102012018754 A1 20140327; ES 2881924 T3 20211130; US 10632637 B2 20200428; US 11504872 B2 20221122; US 2014083268 A1 20140327; US 2020223088 A1 20200716

DOCDB simple family (application)

**EP 13004322 A 20130903**; DE 102012018754 A 20120921; ES 13004322 T 20130903; US 201314033046 A 20130920; US 202016823652 A 20200319