

Title (en)
Device for portioning food

Title (de)
Vorrichtung zum Portionieren von Lebensmitteln

Title (fr)
Dispositif pour portionner des aliments

Publication
EP 2241421 B1 20120711 (DE)

Application
EP 10006821 A 20080505

Priority
• EP 08758005 A 20080505
• DE 102007021509 A 20070504

Abstract (en)
[origin: US2011159162A1] A device and a method for portioning food, in particular meat, into portions with a predetermined weight and/or predetermined thickness are proposed. To this end a press unit (1) with at least two elongated press chambers (3a, 3b) and with respectively one closure element (5a, 5b) per press chamber (3a, 3b), a closure element drive (7) in order to displace the closure element (5a, 5b) in the press chamber (3a, 3b) and to adjust the cross section of the press chamber (3a, 3b), at least one pressure ram (8) for the press chambers (3a, 3b), which is equipped with a pressure ram drive (38) in order to displace the pressure ram (8) in the longitudinal direction of the press chamber (3a, 3b), a portioning plate (2) with several portioning chambers (9), a portioning plate drive (12) in order to move the portioning plate (2) relative to the press unit (1), a cutting element between the press unit (1) and the portioning plate (2) and a cutting element drive (34) in order to move the cutting element relative to the press unit (1) are provided.

IPC 8 full level
B26D 7/02 (2006.01); **A23L 13/00** (2016.01); **B26D 7/06** (2006.01)

CPC (source: EP US)
B26D 7/02 (2013.01 - EP US); **B26D 7/1818** (2013.01 - EP US); **B26D 2210/04** (2013.01 - EP US); **Y10T 83/202** (2015.04 - EP US); **Y10T 83/207** (2015.04 - EP US)

Cited by
EP3542979A1; US11213037B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2011159162 A1 20110630; US 8622727 B2 20140107; AT E500935 T1 20110315; AT E546264 T1 20120315;
DE 102008022173 A1 20081106; DE 502008002815 D1 20110421; DK 2144735 T3 20110620; EP 2144735 A2 20100120;
EP 2144735 B1 20110309; EP 2241421 A1 20101020; EP 2241421 B1 20120711; EP 2248641 A1 20101110; EP 2248641 B1 20120222;
ES 2361086 T3 20110613; ES 2381438 T3 20120528; PL 2144735 T3 20110729; PL 2248641 T3 20120731; WO 2008135025 A2 20081113;
WO 2008135025 A3 20100514

DOCDB simple family (application)
US 59886308 A 20080505; AT 08758005 T 20080505; AT 10006820 T 20080505; DE 102008022173 A 20080505; DE 2008000744 W 20080505;
DE 502008002815 T 20080505; DK 08758005 T 20080505; EP 08758005 A 20080505; EP 10006820 A 20080505; EP 10006821 A 20080505;
ES 08758005 T 20080505; ES 10006820 T 20080505; PL 08758005 T 20080505; PL 10006820 T 20080505