

Title (en)

RADIOFREQUENCY APPARATUS FOR UNFREEZING FOOD PRODUCTS

Title (de)

HOCHFREQUENZVORRICHTUNG ZUM AUFTAUEN VON NAHRUNGSMITTELN

Title (fr)

APPAREIL À RADIOFRÉQUENCE SERVANT À DÉCONGELER DES DENRÉES ALIMENTAIRES

Publication

**EP 3005832 A1 20160413 (EN)**

Application

**EP 13815159 A 20131115**

Priority

- IT VR20130131 A 20130529
- IB 2013060161 W 20131115

Abstract (en)

[origin: WO2014191799A1] A radio frequency apparatus (1) for thawing food products, through the use of an oscillating electromagnetic field, comprises a continuous conveyor belt (2), on which the food products are positioned, elements (3) for supporting and for moving the conveyor belt (2) forward, an inlet section (4), for the introduction of the food products to be thawed, a central section (5), defining a tunnel in which the food products are thawed, an outlet section (6), from which the thawed food products come out, at least one oscillating voltage generator (9), for generating the oscillating electromagnetic field, and elements (21) for washing and/or sanitizing the conveyor belt (2) and/or the inlet section (4) and/or the central section (5) and/or the outlet section (6).

IPC 8 full level

**H05B 6/78** (2006.01); **B65G 45/22** (2006.01)

CPC (source: EP)

**H05B 6/782** (2013.01)

Citation (search report)

See references of WO 2014191799A1

Cited by

CN109990535A; CN107098106A; US10763814B2; US11489507B2

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Designated extension state (EPC)

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