

Title (en)

FOOD WASTE TREATMENT APPARATUS USING MICROWAVE

Title (de)

MIKROWELLEN VERWENDENDE VORRICHTUNG ZUR BEHANDLUNG VON LEBENSMITTELABFÄLLEN

Title (fr)

APPAREIL DE TRAITEMENT DE DÉCHETS ALIMENTAIRES UTILISANT DES MICRO-ONDES

Publication

**EP 1874491 A1 20080109 (EN)**

Application

**EP 06732687 A 20060324**

Priority

- KR 2006001085 W 20060324
- KR 20050035684 A 20050428
- KR 20050100834 A 20051025

Abstract (en)

[origin: WO2006115330A1] The present invention relates to a food waste treatment apparatus that can effectively dispose food waste containing a large amount of water, rapidly dry food waste using microwaves, and remove odors and vapors generating during the drying process, thereby discharging clean air. The food waste treatment apparatus comprises a pulverizer (10) for pulverizing food waste, an endless track (20) for transferring food waste, a plurality of containers (30) installed on the upper surface of the endless track (20) for storing pulverized food waste, and a microwave dryer installed above the endless track for drying the pulverized food waste by making microwaves pass through the endless track in a direction perpendicular to the moving direction of the endless track (20).

IPC 8 full level

**B09B 3/00** (2006.01); **F26B 3/347** (2006.01)

CPC (source: EP)

**C05F 9/00** (2013.01); **F26B 1/005** (2013.01); **F26B 3/347** (2013.01); **F26B 15/14** (2013.01)

Citation (search report)

See references of WO 2006115330A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006115330 A1 20061102**; CA 2607730 A1 20061102; CA 2607730 C 20110823; EP 1874491 A1 20080109

DOCDB simple family (application)

**KR 2006001085 W 20060324**; CA 2607730 A 20060324; EP 06732687 A 20060324