

Title (en)

Apparatus for collecting, processing, and recycling kitchen scraps

Title (de)

Vorrichtung zum Sammeln, Verarbeiten und Wiederverwerten von Küchenabfällen

Title (fr)

Appareil pour collecter, traiter et recycler des déchets de cuisine

Publication

**EP 2309074 A1 20110413 (EN)**

Application

**EP 09172708 A 20091009**

Priority

EP 09172708 A 20091009

Abstract (en)

An apparatus (1) for collecting, processing, and recycling kitchen scraps is provided. Kitchen scraps are thrown into a throw-in conduit (2) provided on each floor of a building and transferred to a delivery conduit (3) by a flushing device (4) so as to reach a kitchen scraps collection device (6) and be processed thereby. After the kitchen scraps are processed by the kitchen scraps collection device, a liquid removed from the kitchen scraps is further processed by a grease interception device (7) so that oil is separated from the liquid. Thus, the apparatus collects, processes collectively, and performs water/oil separation on kitchen scraps.

IPC 8 full level

**E04F 17/10** (2006.01); **B65F 1/00** (2006.01); **E03C 1/266** (2006.01); **E03F 5/16** (2006.01)

CPC (source: EP)

**B65F 1/0093** (2013.01); **E04F 17/10** (2013.01); **B65F 2001/1489** (2013.01)

Citation (search report)

- [X] US 5934576 A 19990810 - ROBINETTE TROY A [US]
- [X] WO 2005047609 A1 20050526 - KIM YANG UOK [KR]
- [X] DE 29513467 U1 19970102 - HANNING & KAHL GMBH & CO [DE]
- [A] WO 2009093639 A1 20090730 - SHIN-YA KOUICHI [JP]
- [A] DE 3921200 A1 19900111 - PAROLISI MASSIMO [IT], et al

Cited by

CN110884801A; CN106703135A; CN113818664A; EP3549652A1; CN114852547A

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2309074 A1 20110413**

DOCDB simple family (application)

**EP 09172708 A 20091009**