

Title (en)

ADSORBENT FILTRATION SYSTEM FOR TREATING USED COOKING OIL OR FAT IN FRYING OPERATIONS

Title (de)

ADSORPTIONSFILTERSYSTEM ZUR BEHANDLUNG VON GEBRAUCHTEM SPEISEOEL ODER FETT BEI FRITTIERPROZESSEN

Title (fr)

SYSTEME DE FILTRAGE ADSORBANT POUR LE TRAITEMENT D'HUILE OU DE GRAISSE DE FRITURE USEE

Publication

EP 1199945 A1 20020502 (EN)

Application

EP 00945343 A 20000712

Priority

- US 0018951 W 20000712
- US 35223999 A 19990713

Abstract (en)

[origin: WO0103512A1] A process for treating used cooking oil or fat by passing the used cooking oil or fat from a used cooking oil or fat source to a holding vessel, and contacting the used cooking oil or fat with a predetermined amount of purifying material upon accumulation of a first predetermined amount of the oil or fat in the holding vessel. The used cooking oil or fat and the purifying material then are passed from the holding vessel to a filter apparatus upon accumulation of a second predetermined amount of the oil or fat in the holding vessel. The second predetermined amount of oil or fat is greater than the first predetermined amount. Upon passing of the used cooking oil or fat and the purifying material from the holding vessel to the filter apparatus, the purifying material becomes entrained in the filter apparatus. The used cooking oil or fat then is passed from the filter apparatus for the source. After the oil or fat is treated, residual oil or fat and the used purifying material may be removed from the filter apparatus by blowing gas through the filter apparatus.

IPC 1-7

C11B 3/00; **C11B 3/10**

IPC 8 full level

A23D 9/00 (2006.01); **A23D 9/02** (2006.01); **A47J 37/12** (2006.01); **B01D 35/02** (2006.01); **B01D 37/02** (2006.01); **B01J 20/10** (2006.01); **C11B 3/00** (2006.01); **C11B 3/10** (2006.01)

CPC (source: EP KR)

A23D 9/02 (2013.01 - EP KR); **C11B 3/008** (2013.01 - EP); **C11B 3/10** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0103512 A1 20010118; AU 5930500 A 20010130; AU 761395 B2 20030605; CA 2375615 A1 20010118; CN 1420728 A 20030528; EP 1199945 A1 20020502; EP 1199945 A4 20040908; JP 2003526496 A 20030909; KR 20020031157 A 20020426; MX PA02001435 A 20031014; RU 2002103473 A 20040210; RU 2242509 C2 20041220

DOCDB simple family (application)

US 0018951 W 20000712; AU 5930500 A 20000712; CA 2375615 A 20000712; CN 00812482 A 20000712; EP 00945343 A 20000712; JP 2001508820 A 20000712; KR 20027000508 A 20020114; MX PA02001435 A 20000712; RU 2002103473 A 20000712