

Title (en)
DUAL PHASE ADSORPTION AND TREATMENT

Publication
EP 0340717 A3 19900711 (EN)

Application
EP 89107922 A 19890502

Priority
US 19109488 A 19880506

Abstract (en)
[origin: EP0340717A2] Impurities, which may include soaps, gums, phospholipids and pigments, can be removed from chemically or physically refined glyceride oils in a dual phase adsorption and treatment process. In the first phase, the oil is contacted with amorphous silica to remove phospholipids and soaps or gums or both. In the second phase, the oil is passed through a packed bed of a pigment removal agent for decolorizing glyceride oils.

IPC 1-7
C11B 3/10

IPC 8 full level
C11B 3/10 (2006.01)

CPC (source: EP KR)
C11B 3/10 (2013.01 - EP KR)

Citation (search report)

- [X] EP 0185182 A1 19860625 - GRACE W R & CO [US]
- [XP] EP 0295418 A2 19881221 - GRACE W R & CO [US]
- [Y] FR 2243254 A1 19750404 - CANGON CORP [US]
- [Y] DE 3537384 A1 19870423 - GOETZE AG [DE]
- [A] FR 2241613 A1 19750321 - UNILEVER NV [NL]

Cited by
EP0412624A3; EP0389057A3; WO0068347A1; WO9323508A1; WO0156395A1; DE102009043418A1; WO2011038903A1; EP2447342A1; WO2012055909A1; US9238785B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0340717 A2 19891108; EP 0340717 A3 19900711; AU 3397589 A 19891109; AU 613482 B2 19910801; CA 1326243 C 19940118; CN 1037535 A 19891129; JP H02150495 A 19900608; KR 890017347 A 19891215; MX 170283 B 19930813; MY 104986 A 19940730; NZ 229010 A 19901026; ZA 893269 B 19900131

DOCDB simple family (application)
EP 89107922 A 19890502; AU 3397589 A 19890503; CA 598707 A 19890504; CN 89103057 A 19890506; JP 11402789 A 19890506; KR 890006133 A 19890506; MX 1589089 A 19890502; MY PI19890592 A 19890502; NZ 22901089 A 19890505; ZA 893269 A 19890503