

Title (en)

METHOD FOR TREATING CAUSTIC REFINED GLYCERIDE OILS FOR REMOVAL OF SOAPS AND PHOSPHOLIPIDS

Publication

EP 0247411 B1 19901212 (EN)

Application

EP 87106683 A 19870508

Priority

US 86320886 A 19860514

Abstract (en)

[origin: EP0247411A1] Adsorbents comprising amorphous silicas with effective average pore diameters of about 60 to about 5000 Angstroms are useful in processes for the removal of soaps and phospholipids (along with associated metal ions) from caustic treated or caustic refined glyceride oils.

IPC 1-7

C11B 3/10

IPC 8 full level

C11B 3/10 (2006.01)

CPC (source: EP)

C11B 3/10 (2013.01)

Cited by

US5248799A; US5298639A; EP0566224A3; DE4223945A1; WO0149814A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0247411 A1 19871202; EP 0247411 B1 19901212; AR 242428 A1 19930331; AT E59060 T1 19901215; AU 600485 B2 19900816; AU 7294687 A 19871119; CA 1298853 C 19920414; CN 1029318 C 19950712; CN 87101626 A 19880120; DE 3766651 D1 19910124; ES 2019324 B3 19910616; GR 3001427 T3 19920925; IN 171401 B 19921003; JP S6327600 A 19880205; MX 170388 B 19930819; PH 26631 A 19920819; PT 84208 A 19870201; PT 84208 B 19890330; PT 84865 A 19870601; PT 84865 B 19900208; ZA 873334 B 19871102

DOCDB simple family (application)

EP 87106683 A 19870508; AR 30746587 A 19870505; AT 87106683 T 19870508; AU 7294687 A 19870514; CA 529632 A 19870119; CN 87101626 A 19870226; DE 3766651 T 19870508; ES 87106683 T 19870508; GR 910400133 T 19910131; IN 346DE1987 A 19870421; JP 11263787 A 19870511; MX 644187 A 19870512; PH 35248 A 19870513; PT 8420887 A 19870128; PT 8486587 A 19870513; ZA 873334 A 19870511