

Title (en)

PROCESS OF CRACKING OF WASTE OILS BY MICROWAVE

Title (de)

VERFAHREN ZUM CRACKEN VON ALTÖLEN MIT MIKROWELLEN

Title (fr)

AMELIORATIONS RELATIVES AU RAFFINAGE D'HUILES USAGEES

Publication

EP 1904224 A2 20080402 (EN)

Application

EP 06744352 A 20060612

Priority

- GB 2006050151 W 20060612
- GB 0512183 A 20050615

Abstract (en)

[origin: WO2006134397A2] A process and apparatus for heating liquid material, which are particularly suitable for refining waste oil, are disclosed. The process comprises the steps of creating a swirling body of liquid material, such as waste oil, within a reaction chamber, and exposing the swirling body of material to microwave radiation.

IPC 8 full level

B01J 19/12 (2006.01); **B01J 19/24** (2006.01); **B01J 19/26** (2006.01); **C02F 1/30** (2006.01); **C10G 15/08** (2006.01); **C10G 31/06** (2006.01); **C10G 32/02** (2006.01)

CPC (source: EP GB US)

B01J 4/002 (2013.01 - EP US); **B01J 19/126** (2013.01 - EP US); **B01J 19/2405** (2013.01 - EP US); **B01J 19/26** (2013.01 - EP US); **C10G 31/06** (2013.01 - EP US); **C10G 32/00** (2013.01 - GB); **C10G 32/02** (2013.01 - EP US); **H05B 6/78** (2013.01 - GB); **B01J 2219/00094** (2013.01 - EP US); **B01J 2219/00153** (2013.01 - EP US); **B01J 2219/00164** (2013.01 - EP US); **B01J 2219/00182** (2013.01 - EP US); **B01J 2219/0877** (2013.01 - EP US); **B01J 2219/0892** (2013.01 - EP US); **B01J 2219/1215** (2013.01 - EP US); **B01J 2219/1224** (2013.01 - EP US); **B01J 2219/1239** (2013.01 - EP US); **B01J 2219/1242** (2013.01 - EP US); **B01J 2219/1245** (2013.01 - EP US); **B01J 2219/1266** (2013.01 - EP US); **B01J 2219/1269** (2013.01 - EP US); **B01J 2219/1272** (2013.01 - EP US); **B01J 2219/185** (2013.01 - EP US); **B01J 2219/1946** (2013.01 - EP US)

Citation (search report)

See references of WO 2006134397A2

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 2006134397 A2 20061221; **WO 2006134397 A3 20070510**; CA 2612484 A1 20061221; EP 1904224 A2 20080402; GB 0512183 D0 20050720; GB 0611532 D0 20060719; GB 2432368 A 20070523; GB 2432368 B 20100324; US 2008202982 A1 20080828

DOCDB simple family (application)

GB 2006050151 W 20060612; CA 2612484 A 20060612; EP 06744352 A 20060612; GB 0512183 A 20050615; GB 0611532 A 20060612; US 91749806 A 20060612