

Title (en)

RECOVERY FOR SOLVENT FROM A HYDROCARBON EXTRACT

Publication

EP 0098359 A3 19840307 (EN)

Application

EP 83104307 A 19830502

Priority

US 39536482 A 19820706

Abstract (en)

[origin: EP0098359A2] An energy saving process for recovery of solvent from a solvent-oil mixture in a staged series of vaporization zones at progressively increasing pressure in which external heat is supplied to the vaporization stage having the highest pressure and heat for each preceding vaporization stage is supplied by heat exchange with vapors from succeeding vaporization stages with vaporization at the lowest pressure stage carried out in a plurality of vaporization zones at substantially equal pressure.

IPC 1-7

C10G 21/28

IPC 8 full level

B01D 3/06 (2006.01); **C10G 21/28** (2006.01)

CPC (source: EP KR)

C10G 21/28 (2013.01 - EP KR)

Citation (search report)

- [X] GB 2020559 A 19791121 - LUMMUS CO
- [X] DE 3002984 A1 19810806 - EDELEANU GMBH [DE]
- [AD] US 4057491 A 19771108 - BUSHNELL JAMES D, et al
- [AD] US 3461066 A 19690812 - MORRIS HERBERT C, et al

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0098359 A2 19840118; EP 0098359 A3 19840307; AU 1573783 A 19840112; ES 523666 A0 19860301; ES 8604780 A1 19860301; GR 78664 B 19840927; JP S5912701 A 19840123; KR 840005479 A 19841114; KR 850001605 B1 19851024; ZA 833180 B 19841031

DOCDB simple family (application)

EP 83104307 A 19830502; AU 1573783 A 19830614; ES 523666 A 19830628; GR 830171828 A 19830701; JP 8026383 A 19830510; KR 830003062 A 19830705; ZA 833180 A 19830504