

Title (en)

PROCESS FOR DEASPHALTING A HYDROCARBON OIL

Publication

EP 0244277 B1 19890208 (FR)

Application

EP 87400638 A 19870323

Priority

FR 8604827 A 19860402

Abstract (en)

[origin: US4816140A] For deasphalting an asphaltene-containing hydrocarbon oil, employed is a hydrocarbon solvent of 3-8 carbon atoms, resulting in an asphaltic phase and a solution of deasphalted oil in the solvent. The solvent is then separated from the deasphalted oil, by passing the solution tangentially across an inorganic membrane of pore radii from 2 to 15 nonometers: the obtained filtrate has an increased solvent content and may be recycled. The deasphalted oil is selectively retained on the upstream side of the membrane.

IPC 1-7

C10G 21/00; **C10G 31/11**

IPC 8 full level

C10G 21/00 (2006.01); **C10G 31/11** (2006.01)

CPC (source: EP US)

C10G 21/003 (2013.01 - EP US); **C10G 31/11** (2013.01 - EP US)

Cited by

EP0485077A1; US5234597A; US5435918A; WO9413756A1

Designated contracting state (EPC)

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