

Title (en)  
PROCESS FOR PRODUCING SYNTHETIC CRUDE OIL

Publication  
**EP 0064447 B1 19860205 (FR)**

Application  
**EP 82400729 A 19820423**

Priority  
FR 8108563 A 19810429

Abstract (en)  
[origin: EP0064447A1] 1. A process for producing synthetic crude oil from a hydrocarbon charge having a high voluminal mass, this process being characterised in that it comprises the following steps : a) optional fractionation (at 12) of the hydrocarbonic charge into at least two fractions : - at least one light fraction containing a majority of the compounds having the lowest boiling points, - a heavy fraction containing a majority of the compounds having the highest boiling points ; b) heat treatment (at 10, 10-) - either of the hydrocarbonic charge, when the fractionation of step 'a' has not been carried out, - or of the heavy fraction, when the fractionation of the charge has been carried out, said heat treatment results in an effluent being produced which is fractionated in a single step (at 100) so as to give : (1) a first mixture containing hydrogen, hydrogen sulphide and hydrocarbons, (2) a second mixture consisting of hydrocarbons of higher molecular weights than those contained in the first mixture, (3) a third mixture of hydrocarbons having boiling points between the hydrocarbons of the first mixture and those of the second mixture, said third mixture constituting at least partly the synthetic crude oil ; c) treating with a solvent (at 27, 106) the second mixture obtained in step 'b', said treatment resulting in the production : - on the one hand, of a bituminous portion ; - on the other hand, of an oily portion which constitutes, at least partly, the synthetic crude oil.

IPC 1-7  
**C10G 55/04**

IPC 8 full level  
**C10G 55/04** (2006.01)

CPC (source: EP)  
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Cited by  
AU594956B2; FR2566795A1; US6489518B1; WO0069992A1

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**EP 0064447 A1 19821110; EP 0064447 B1 19860205**; CA 1178231 A 19841120; DE 3268927 D1 19860320; DE 64447 T1 19830428; FR 2504936 A1 19821105; FR 2504936 B1 19850809; JP S57185385 A 19821115; MX 159610 A 19890718; OA 07085 A 19840131

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**EP 82400729 A 19820423**; CA 401228 A 19820419; DE 3268927 T 19820423; DE 82400729 T 19820423; FR 8108563 A 19810429; JP 7250982 A 19820428; MX 19221882 A 19820407; OA 57671 A 19820429