

Title (en)

PROCESS FOR THE SEPARATION OF PHENOLS AND BASES FROM COAL TAR OILS BY EXTRACTION

Publication

EP 0241636 B1 19900926 (DE)

Application

EP 87100269 A 19870112

Priority

DE 3610369 A 19860327

Abstract (en)

[origin: US4827050A] Coal tar oil is separated quantitatively into neutral oil, phenols and bases by a two stage extraction with overcritical gases. Carbon dioxide is employed as an overcritical extraction agent, and propane or butane are preferably added as entrainers. The neutral oil is obtained in the first stage. Tar bases can be employed as an additional entrainer for improving the selectivity. The bases are extracted in the second stage. The method is associated with the advantage that it saves energy and that no byproducts are generated.

IPC 1-7

C10G 21/00

IPC 8 full level

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CPC (source: EP US)

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EP 0241636 A2 19871021; **EP 0241636 A3 19890125**; **EP 0241636 B1 19900926**; CS 180487 A2 19890112; CS 265236 B2 19891013; DE 3610369 A1 19871001; DE 3765158 D1 19901031; JP S62238224 A 19871019; PL 149884 B1 19900331; PL 264838 A1 19880512; US 4827050 A 19890502; ZA 871918 B 19870908

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