

Title (en)

Coking decanted oil and other heavy oils to produce a superior quality of needle-grade coke.

Title (de)

Verkokung von Dekantieröl und anderen Schwerölen zur Herstellung von Nadelkoks höherer Qualität.

Title (fr)

Cokéfaction d'huiles de décantage et d'autres huiles lourdes pour la production d'un coke aciculaire de qualité supérieure.

Publication

EP 0455504 A1 19911106 (EN)

Application

EP 91304022 A 19910503

Priority

US 51905690 A 19900504

Abstract (en)

A process for the production of needle-grade coke having a low coefficient of thermal expansion (CTE) value involves coking a petroleum feedstock in a coking drum at temperature below the threshold temperature where CTE values for the coke rapidly increase for a time sufficient to obtain a relatively low CTE coke. The petroleum feedstock can be decanted oil or heavy cycle oil. The threshold temperature can be from about 400 DEG C to 600 DEG C. A heated vapor stream is introduced into the drum to maintain the coke at a temperature sufficient for coking but below the threshold temperature.

IPC 1-7

C10B 55/00

IPC 8 full level

C10B 55/00 (2006.01)

CPC (source: EP)

C10B 55/00 (2013.01)

Citation (search report)

- [A] US 4822479 A 19890418 - FU TA-WEI [US], et al
- [AD] US 4547284 A 19851015 - SZE MORGAN C [US], et al

Cited by

CN105733630A; US7371317B2

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