

Title (en)

INSULATION OF ELECTRICAL APPARATUS WITH A SYNTHETIC TRANSFORMER OIL.

Title (de)

ISOLATION ELEKTRISCHER APPARATE MIT EINEM SYNTHETISCHEN TRANSFORMATORENÖL.

Title (fr)

ISOLATION D'APPAREILS ELECTRIQUES AVEC UNE HUILE SYNTHETIQUE DE TRANSFORMATEUR.

Publication

EP 0020458 A4 19810212 (EN)

Application

EP 79901264 A 19800507

Priority

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- US 95492478 A 19781026

Abstract (en)

[origin: WO8000894A1] A synthetic oil useful as an insulating fluid in electrical apparatus is prepared by reacting an aromatic compound with the oligomers of four to 12 carbon alpha-olefins containing predominantly at least about 30 carbon atoms up to about 60 carbon atoms. A synthetic insulating oil for electrical power transformers is prepared by reacting benzene in a 1: 1 molar ratio with a tetramer-pentamer mixture obtained by the oligomerization of 1-decene.

IPC 1-7

H01B 3/22

IPC 8 full level

C10M 101/00 (2006.01); **C09K 5/00** (2006.01); **C09K 5/08** (2006.01); **H01B 3/20** (2006.01); **H01B 3/22** (2006.01); **H01F 27/12** (2006.01)

CPC (source: EP)

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Citation (search report)

- BE 677878 A 19660901
- US 3410925 A 19681112 - EBY HAROLD H, et al
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- GB 1449840 A 19760915 - BRITISH PETROLEUM CO
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DE FR GB NL

DOCDB simple family (publication)

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