

Title (en)

INSULATION OF ELECTRICAL APPARATUS WITH A SYNTHETIC TRANSFORMER OIL

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Application

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Priority

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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.

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