

Title (en)

DIELECTRIC FLUIDS COMPRISING POLYOL ESTERS, METHODS FOR PREPARING MIXTURES OF POLYOL ESTERS, AND ELECTRICAL APPARATUSES COMPRISING POLYOL ESTER DIELECTRIC FLUIDS

Title (de)

DIELEKTRISCHE FLÜSSIGKEITEN MIT POLYOLESTERN, VERFAHREN ZUR HERSTELLUNG VON MISCHUNGEN VON POLYOLESTERN UND ELEKTRISCHE VORRICHTUNGEN MIT DIELEKTRISCHEN POLYOLESTERFLÜSSIGKEITEN

Title (fr)

FLUIDES DIÉLECTRIQUES COMPRENANT DES ESTERS DE POLYOL, PROCÉDÉS PERMETTANT DE PRÉPARER DES MÉLANGES D'ESTERS DE POLYOL, ET APPAREILS ÉLECTRIQUES COMPRENANT DES FLUIDES DIÉLECTRIQUES À BASE D'ESTERS DE POLYOL

Publication

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Application

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Abstract (en)

[origin: WO2013043311A1] Dielectric fluids are provided, the dielectric fluids comprising a mixture of polyol esters derived from a reaction of a) a polyol comprising pentaerythritol, trimethylolpropane, neopentyl glycol, or combinations thereof, and b) a mixture of fatty acid esters derived from a high oleic soybean oil comprising fatty acid moieties, wherein the high oleic soybean oil has a C18:1 content of greater than 65% of the fatty acid moieties in the oil, and a combined C18:2 and C18:3 content of less than 20% of the fatty acid moieties in the oil. Also provided are electrical apparatuses comprising the dielectric fluids, and processes for preparing the mixtures of polyol esters.

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CPC (source: EP)

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