

Title (en)

METHOD FOR PREPARING FATTY ACID ESTERS OF NATURAL ORIGIN FUNCTIONALIZED BY OXIDATION FOR USE AS FLUXES FOR BITUMEN

Title (de)

VERFAHREN FÜR DIE ZUBEREITUNG VON MITTELS OXIDATION FUNKTIONALISIERTEN FETTSÄUREESTERN NATÜRLICHEN URSPRUNGS ZUR VERWENDUNG ALS FLUSSMITTEL FÜR BITUMEN

Title (fr)

PROCEDE DE PREPARATION D'ESTERS D'ACIDES GRAS D'ORIGINE NATURELLE FONCTIONNALISES PAR OXYDATION UTILISABLES COMME FLUXANTS POUR BITUME

Publication

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Application

**EP 06820274 A 20061010**

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Abstract (en)

[origin: WO2007042726A1] The invention concerns a method for preparing a flux, having an iodine index ranging between 50 to 200, based on fats of natural origin chemically functionalized by oxidation, including the following steps: i) providing a fat or a mixture of fats of natural origin, ii) subjecting said fat or mixture of fats of natural origin to at least one transesterification or esterification reaction with at least one alkanol or one mono-alcohol, iii) subjecting the compound or mixture of compounds obtained at step ii) to at least one chemical functionalization reaction by oxidation introducing at least one functional group selected among carboxylic acid, epoxy, peroxide, aldehyde, ether, ester, alcohol and ketone groups, and iv) collecting the flux.

IPC 8 full level

**C08L 95/00** (2006.01); **C09D 195/00** (2006.01); **C09F 7/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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