

Title (en)
A Process for Preparing a Fuel Additive

Title (de)
Verfahren zur Herstellung eines Kraftstoffadditivs

Title (fr)
Procédé de Préparation d'un Additif de Carburant

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Application
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Abstract (en)
[origin: WO02100987A1] The invention relates to a method for manufacturing a fuel additive and to the additive. It relates particularly to a lubricant additive that is highly suitable for use as an additive in connection with diesel engines. According to the method, saturated fatty acids with a high melting point are separated by cooling from a fatty-acid mixture, the said fraction of fatty acids with a high melting point being esterified and/or animated to form a mixture of more than three esters and/or amines and the mixture thus obtained being re-mixed with that part of the original fatty-acid mixture from which the fatty acids with a high melting point were separated and the necessary amount of this last-mentioned mixture being mixed with fuel to form a lubricant. The separation of the saturated fatty acids with a high melting point takes place by passing the mixture through a cooling heat-transfer surface, to which the fatty acids adhere, and by removing the fatty acids from the surface by raising its temperature.

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