

Title (en)
METHOD FOR ELIMINATING FREE FATTY ACIDS FROM FATS AND OILS OF BIOLOGICAL ORIGIN OR THEIR VAPOR CONDENSATES

Title (de)
VERFAHREN ZUR ENTFERNUNG FREIER FETTSÄUREN AUS FETTEN UND ÖLEN BIOLOGISCHEN URSPRUNGS ODER DEREN DÄMPFERKONDENSATEN

Title (fr)
PROCEDE POUR ELIMINER DES ACIDES GRAS LIBRES, CONTENUS DANS DES CORPS GRAS ET DES HUILES D'ORIGINE BIOLOGIQUE OU DANS LEURS CONDENSATS DE VAPEUR

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Application
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Abstract (en)
[origin: WO0063327A2] In order to eliminate fatty acids from fats and oils of biological origin or their vapor condensates, the free fatty acids are extracted with a mixture of basic organic nitrogen compounds and water as extracting agents at a temperature below boiling temperature of the organic nitrogen compounds. The proportion of basic organic nitrogen compounds in the extracting agent should amount at least to approximately 20 percent by weight and at most approximately 60 percent by weight, preferably between approximately 30 and approximately 40 percent by weight. This prevents the formation of a viscose soapstock that is difficult to eliminate. The boiling temperature of the basic organic nitrogen compound(s) used should be the same or higher than the boiling temperature of the water and lower than the boiling temperature of the fatty acids to be extracted in order to facilitate easy recovery of the extracting agent.

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