

Title (en)
PROCESSES FOR SELECTIVE EXTRACTION OF UNSAPONIFIABLE MATERIALS FROM RENEWABLE RAW MATERIALS BY REACTIVE TRITURATION IN THE PRESENCE OF A COSOLVENT

Title (de)
VERFAHREN ZUR SELEKTIVEN EXTRAKTION VON UNVERSEIFBAREN MATERIALIEN AUS NACHWACHSENDEN ROHSTOFFEN DURCH REAKTIVE ZERKLEINERUNG IN GEGENWART EINES CO-LÖSUNGSMITTELS

Title (fr)
PROCÉDÉS D'EXTRACTION SÉLECTIVE DES INSAPONIFIABLES DE MATIÈRES PREMIÈRES RENOUVELABLES PAR TRITURATION RÉACTIVE EN PRÉSENCE D'UN COSOLVANT

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Abstract (en)
[origin: WO2014195637A1] The invention relates to processes for extraction of an unsaponifiable fraction from a renewable raw material, comprising the reactive trituration of the raw material which has been dehydrated in the presence of at least one polar organic solvent comprising at least one light alcohol, of at least one nonpolar cosolvent which is immiscible with said light alcohol and of at least one catalyst, resulting in the obtaining of a polar organic phase enriched with lipids functionalized with one or more functions chosen from hydroxyl, epoxide, ketone, thiol, aldehyde, ether and amine functions, and of a nonpolar organic phase enriched with lipids containing no or few hydroxyl, epoxide, ketone, thiol, aldehyde, ether and amine functions, then the concentration of the organic phases.

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