

Title (en)
METHOD FOR MANUFACTURING AN OIL-IN-WATER EMULSION FROM AN OILY ACTIVE SUBSTANCE, FOR COSMETIC, FOOD, OR PHARMACEUTICAL USE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER ÖL-IN-WASSER-EMULSION AUS EINEM ÖLIGER WIRKSTOFF FÜR KOSMETISCHE, NAHRUNGSMITTEL- ODER PHARMAZEUTISCHE VERWENDUNG

Title (fr)
PROCEDE DE FABRICATION D'UNE EMULSION AQUEUSE D'UNE SUBSTANCE ACTIVE HUILEUSE POUR APPLICATION COSMETIQUE, ALIMENTAIRE OU PHARMACEUTIQUE

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Application
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EP 2012076948 W 20121227

Abstract (en)
[origin: WO2014101941A1] The invention relates to a method which includes the following steps: mixing hydrophilic components, including water and an emulsifying saponin which is less than 1% of the emulsion regardless of the proportion of the oily phase; mixing lipophilic components, including the oily active substance, which can reach 40% of the emulsion; a first homogenization of the two preceding phases using a rotor/stator or ultrasonic mixer until a mean diameter of less than 6 µm of the oily droplets is obtained; and a second homogenization of the preceding mixture using a high-pressure homogenizer until a mean diameter of less than 0.4 µm of the oily droplets is obtained.

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