

Title (en)  
PROCESS FOR PRODUCING OIL-IN-WATER EMULSIONS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ÖL-IN-WASSER-EMULSIONEN

Title (fr)  
PROCEDE DE REALISATION D'EMULSIONS HUILE DANS EAU

Publication  
**EP 0725619 A1 19960814 (DE)**

Application  
**EP 94930201 A 19941020**

Priority  
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Abstract (en)  
[origin: WO9511660A1] Finely dispersed oil-in-water emulsions with a long-term stability, based on oil mixtures containing an organic cosmetic active agent can be obtained if (A) an oil body with (B) 0.5 to 30 wt %. of a non-ionic emulsifier with a hydrophile-lipophile balance of 10 to 18 and (C) or 0.1 to 30 wt % of a co-emulsifier from the group of fatty alcohols with 12 to 22 atoms or the partial esters of polyols with 3 to 6 C atoms with fatty acids with 12 to 22 atoms and (D) an organic cosmetic active agent selected from the group of deodorizing agents, perfume oils and light-protective factors, provided that i) the sum of components (A) and (D) amounts to 10 to 90 wt % and ii) the proportion of the component (D) amounts to 5 to 100 wt % in relation to the oil body (A), is emulsified in the presence of 8 to 85 wt % of water at a temperature above the melting point of the mixture of components (A) to (D) and the emulsion is heated to a temperature within or above the phase inversion temperature range, or the emulsion is produced at this temperature, after which it is cooled to a temperature below said phase inversion temperature range and possibly further diluted with water.

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IPC 8 full level  
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