Title (en)

METHOD FOR PREPARING CAPSULES SENSITIVE TO PH OR UV RADIATION AND CAPSULES OBTAINED THEREFROM

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PH- ODER UV-STRAHLUNGSEMPFINDLICHEN KAPSELN UND DARAUS HERGESTELLTE KAPSELN

Title (fr)

PROCÉDÉ DE PRÉPARATION DE CAPSULES SENSIBLES AU PH OU AU RAYONNEMENT UV ET CAPSULES OBTENUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019076911A1] The present invention relates to a method for preparing solid microcapsules, comprising the following steps: a) adding, under agitation, a composition C1, comprising at least one active agent, to a polymeric composition C2, the compositions C1 and C2 being mutually immiscible, whereby an emulsion (E1) is obtained comprising droplets of composition C1 dispersed in the composition C2; b) adding, under agitation, the emulsion (E1) to a composition C3, the compositions C2 and C3 being mutually immiscible, whereby a double emulsion (E2) is obtained comprising droplets dispersed in the composition C3; c) applying shear to the emulsion (E2), whereby a double emulsion (E3) is obtained comprising controlled-size droplets dispersed in the composition C3; and d) polymerising the composition C2, whereby solid microcapsules dispersed in the composition C3 are obtained.

IPC 8 full level

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CPC (source: CN EP US)

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