Title (en)

ORAL DELIVERY FORM HAVING A HIGH ABSORPTION EFFICIENCY AND METHOD FOR MAKING SAME

Title (de)

HOCHEFFIZIENTES ORALES VERABREICHUNGSSYSTEM UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)

COMPOSITION POUR ADMINISTRATION ORALE PRESENTANT UNE HAUTE EFFICACITE D'ABSORPTION ET PROCEDE DE PREPARATION DE LADITE COMPOSITION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9740702A1] The present invention relates to a premix material for the production of an oral delivery form for animals, in particular fish, which premix is obtainable by preparing a first emulsion of at least one oily substance and optionally at least one watery substance; optionally adding a bioactive agent to the first emulsion to obtain a second emulsion; adding the preparation obtained so far to a solution of a colloid binding agent to obtain a liquid mixture; absorbing this mixture to a carrier mixture of hydrophobic and hydrophilic silica particles to obtain a cream or viscous liquid; gelling this scream or viscous liquid to obtain a premix gel; optionally drying the gel and grinding the dry substance obtained hereof to a particulate premix material. As an alternative the silica may be added before the binding agent. The invention further relates to a series of oral delivery forms per se, to methods for making the premix material and the delivery forms, and to the use of the premix material and the delivery forms in the treatment of animals. The invention also relates to the use of the premix material, the delivery forms or at least some of the components for increasing the uptake of a bioactive agent in the intestinal tract.

IPC 1-7

A23K 1/18; A23K 1/175; A61K 9/14; A23P 1/02; B01J 2/00

IPC 8 full level

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Citation (search report)

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