

Title (en)
POWDER COMPOSITIONS OF UNILAMELLAR LIPOSOMES

Title (de)
PULVERFÖRMIGE ZUSAMMENSETZUNGEN MIT UNILAMELLAREN LIPOSOMEN

Title (fr)
COMPOSITIONS PULVERULENTES DE LIPOSOMES UNILAMELLAIRES

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Abstract (en)
[origin: FR2764507A1] The invention concerns powder compositions of stabilised unilamellar liposomes, comprising at least an external lipid phase and a internal aqueous polar nucleus gelled at room temperature, the method for preparing them and their applications as nutritional additives and in pharmaceutical compositions to be orally administered (with action against lipemia). Said compositions essentially consist of unilamellar liposomes comprising an external lipid phase consisting of class 4 lipids (phospholipids) and an internal aqueous nucleus consisting essentially of a mixture M of at least two different non-polymerisable gelling agents (G1 and G2) whereof the gel-sol phase transition point is not less than 37 DEG C, G1 being a gelling agent selected among gelatines and carrageenans and G2 being selected among carrageenans with properties different from the carrageenans selected for G1, and celluloses, which liposomes have a diameter ranging between 20 nm and 1 mm, preferably ranging between 50 nm and 500 nm and having the form of particulate units with an average particle diameter between 10 mm and 1000 mm, formed by one or several of said liposomes, enclosed in a sheath selected in the group consisting of a dehydrated thermoreversible aqueous gel identical to said internal nucleus aqueous gel, dextrans or a mixture thereof, such that they contain, on an average, 10<16> to 10<18> liposomes per gram of powder.

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