

Title (en)
CAPSULE COMPRISING A LIQUID-TIGHT AND GAS-PERMEABLE MEMBRANE, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAME FOR THE IN VITRO BREEDING OF ARTHROPODS

Title (de)
KAPSEL MIT EINER FLÜSSIGKEITSDICHEN UND GASDURCHLÄSSIGEN MEMBRAN, VERFAHREN ZUR HERSTELLUNG DAVON UND VERWENDUNG ZUR IN-VITRO-ZÜCHTUNG VON ARTHROPODEN

Title (fr)
CAPSULE À MEMBRANE ÉTANCHE AUX LIQUIDES ET PERMÉABLE AUX GAZ, PROCÉDÉ DE FABRICATION ET UTILISATION POUR L'ÉLEVAGE D'ARTHROPODES IN VITRO

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Abstract (en)
[origin: WO2014086932A1] The invention relates to a capsule comprising a semi-solid core containing a material of interest to be encapsulated, and a polymer chitosan membrane surrounding said core, having a thickness of less than 1 µm, and impregnated with at least one hydrophobic compound, especially a mixture of C20-C40 alkanes. Said capsule is especially useful as a support for the in vitro breeding of an arthropod, a nutritive medium for said arthropod being encapsulated to this end, in a gellified form, in the membrane.

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