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(54) Title (EN): AMORPHOUS POROUS PARTICLES FOR REDUCING SUGAR IN FOOD

(54) Title (FR): PARTICULES POREUSES AMORPHES POUR RÉDUIRE LE SUCRE DANS UN ALIMENT

(57) Abstract:

(EN): The present invention relates to amorphous porous particles comprising sugar, a bulking agent and surfactant, having a closed porosity of between 20 to 60%. Further aspects of the invention relate to a food product comprising the amorphous porous particles; a process of making the amorphous porous particles and a fat based confectionery product containing them; and the use of the amorphous porous particles as bulk sugar replacers in food products such as fat based confectionery products for example, chocolate.

(FR): La présente invention concerne des particules poreuses amorphes comprenant du sucre, un agent gonflant et un tensioactif, ayant une porosité fermée comprise entre 20 et 60 %. D'autres aspects de l'invention concernent un produit alimentaire comprenant les particules poreuses amorphes; un procédé de fabrication des particules poreuses amorphes et d'un produit de confiserie à base de graisse les contenant; et l'utilisation des particules poreuses amorphes comme substituts de sucre en vrac dans des produits alimentaires tels que des produits de confiserie à base de graisse, par exemple le chocolat.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America