

Title (en)

SUGAR-CONTAINING PLANT PROTEIN PREPARATION HAVING PARTICULAR FUNCTIONAL PROPERTIES

Title (de)

ZUCKERHALTIGES PFLANZENPROTEINPRÄPARAT MIT BESONDEREN FUNKTIONELLEN EIGENSCHAFTEN

Title (fr)

PRÉPARATION DE PROTÉINES VÉGÉTALES CONTENANT DU SUCRE PRÉSENTANT DES PROPRIÉTÉS FONCTIONNELLES PARTICULIÈRES

Publication

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Application

EP 19748485 A 20190723

Priority

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- EP 2019069778 W 20190723

Abstract (en)

[origin: WO2020025391A1] The invention relates to a plant protein preparation made of soybeans having improved functional properties and to a process for the production thereof. The preparation comprises a mixture of proteins and/or constituents of proteins and a proportion of saccharides from the group of mono-, di- and/or oligosaccharides having up to 4 monomer units. The mixture of proteins and/or constituents of proteins has a molecular weight distribution of proteins and peptides in which a mass fraction between 50% and 100% has a molecular weight of < 20 kDa, a mass fraction between 0% and 30% has a molecular weight between 20 kDa and 45 kDa and a mass fraction between 0% and 20% has a molecular weight of > 45 kDa. The preparation has good technofunctional properties and a pleasantly neutral aroma and taste profile.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020025391A1

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