

Title (en)

TECHNO-FUNCTIONAL PLANT PROTEIN FRACTION FROM LEGUMINOUS OR OIL SEEDS

Title (de)

TECHNO-FUNKTIONELLE PFLANZENPROTEIN-FRAKTION AUS LEGUMINOSEN ODER ÖLSAATEN

Title (fr)

FRACTION PROTÉIQUE VÉGÉTALE TECHNO-FONCTIONNELLE OBTENUE À PARTIR DE LÉGUMINEUSES OU DE GRAINES OLÉAGINEUSES

Publication

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Application

EP 17719814 A 20170406

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Abstract (en)

[origin: WO2017174699A1] The present invention relates to a plant protein fraction from leguminous or oil seeds for use in foodstuffs or in feedstuffs and to a process for producing the plant protein fraction. In the process a first protein fraction is separated from comminuted leguminous seeds or oil seeds using a solvent to leave behind a second protein fraction and a water-containing protein fraction obtained by this fractionating step directly or after addition of water is subjected to treatment with enzymes one or more times, a heating to a temperature > 70 °C one or more times, optionally a fermentation one or more times and a pressure and/or shear treatment one or more times. The plant protein fraction produced with the process exhibits a reduced immune reactivity and has good techno-functional and organoleptic properties.

IPC 8 full level

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