

Title (en)

METHOD FOR EXTRACTING AND PRODUCING HYDROCOLLOIDAL POLYMERS FROM ANIMAL OR PLANT MATERIAL

Title (de)

VERFAHREN ZUR EXTRAKTION UND HERSTELLUNG VON HYDROKOLLOIDEN AUS PFLANZLICHEM ODER TIERLICHEM MATERIAL

Title (fr)

PROCEDE D'EXTRACTION ET DE PRODUCTION DE POLYMERES HYDROCOLLOIDES A PARTIR DE MATIERE VEGETALE OU ANIMALE

Publication

**EP 0772635 A1 19970514 (FR)**

Application

**EP 96917537 A 19960523**

Priority

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Abstract (en)

[origin: WO9637518A1] Method for extracting and producing hydrocolloidal polymers from animal or plant material, including the steps of comminuting (2) the animal or plant material (4) to a given particle size and diluting (5) it in water in a ratio dependent upon the material; continuously circulating (1) the diluted material in heating pipes (16) at a given temperature, the maximum dimension of the internal cross-section of the pipes being selected so as to provide a uniform temperature throughout and a suitable circulation rate; heating (1) the diluted material so that the hydrocolloidal polymers dissolve in the water, during a minimum residence time in said pipes (16); and separating (9) the residual material (10) from the liquor containing the polymers which are then concentrated (13, 14) by any suitable technique.

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