

Title (en)

METHOD AND DEVICE FOR THE DIGESTION OF STARCH

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFSCHLUSS VON STÄRKE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA DÉCOMPOSITION D'AMIDON

Publication

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Application

**EP 19787171 A 20191008**

Priority

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Abstract (en)

[origin: WO2020074471A1] The invention relates to a method for the digestion of starch (native starch or processed starch, such as cationic starch), in which method an aqueous slurry of the starch is treated with steam in a cooking vessel (4) and is thereby subjected to shearing forces, wherein, by introducing steam, the slurry containing starch is heated in the cooking vessel (4) to a temperature between 85°C and 110°C, and the step of digestion is carried out until the desired degree of digestion has been reached. In the digestion of native starch, the digestion can be carried out with the addition of an enzyme, for example, an amylase. The invention further relates to a cooking vessel (4) which can be used when carrying out the method for the digestion of starch.

IPC 8 full level

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