

Title (en)
METHOD FOR PRODUCING XYLAN

Title (de)
VERFAHREN ZUR XYLANHERSTELLUNG

Title (fr)
PROCÉDÉ POUR LA PRODUCTION DE XYLANE

Publication
EP 4126976 A1 20230208 (EN)

Application
EP 21717488 A 20210330

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Abstract (en)
[origin: WO2021198561A1] The invention relates a method for producing xylan, which comprises - obtaining an aqueous starting solution comprising xylan and optionally at least one non-cellulosic polysaccharide, and adjusting pH of the aqueous solution to a first pH value ≥ 7 , subjecting the aqueous solution to reducing conditions, and heating the aqueous solution to a reaction temperature of ≥ 50 °C. The aqueous solution is maintained at the reaction temperature, and xylan particles are precipitated from the aqueous solution by cooling the aqueous solution to a precipitation temperature and/or by reducing pH of the aqueous solution to a precipitation pH. Finally, the precipitated xylan particles are separated from the aqueous solution.

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