

Title (en)
PROCESS FOR PREPARING WATER-SOLUBLE SACCHARIDES FROM CELLULOSIC MATERIAL

Publication
EP 0051237 B1 19870325 (DE)

Application
EP 81108878 A 19811024

Priority
DE 3040850 A 19801030

Abstract (en)
[origin: EP0051237A1] 1. A process for obtaining water-soluble saccharides from cellulose-containing material by treating the latter with gaseous hydrogen fluoride, optionally diluted with an inert gas at temperatures between about 20 and 120 degrees C, preferably between about 40 and 80 degrees C, which comprises subjecting cellolignin, a material composed largely of cellulose and lignin and being essentially free of pentosans and hexosans which has been obtained by pre-hydrolysis of natural cellulose-containing material with dilute mineral acid at an elevated temperature and under an elevated pressure, to treatment with hydrogen fluoride.

IPC 1-7
C13K 1/02

IPC 8 full level
C13K 1/02 (2006.01)

CPC (source: EP)
C13K 1/02 (2013.01)

Cited by
EA023989B1; FR2597872A1; FR2515209A1; US4556431A; FR2515210A1; US4589924A; EP0078023A1; US4556432A; US6265037B1; WO2012097781A1; WO8706592A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0051237 A1 19820512; EP 0051237 B1 19870325; AT E26129 T1 19870415; AU 7694281 A 19820506; BR 8107016 A 19820713; CA 1181397 A 19850122; DD 208173 A5 19840328; DE 3040850 A1 19820513; DE 3040850 C2 19821118; DE 3176031 D1 19870430; DK 478381 A 19820501; FI 813370 L 19820501; JP S57105200 A 19820630; NZ 198780 A 19841214; PH 17341 A 19840801; PL 233621 A1 19820607; ZA 817493 B 19821124

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EP 81108878 A 19811024; AT 81108878 T 19811024; AU 7694281 A 19811029; BR 8107016 A 19811029; CA 389579 A 19811029; DD 23442081 A 19811028; DE 3040850 A 19801030; DE 3176031 T 19811024; DK 478381 A 19811029; FI 813370 A 19811028; JP 17217781 A 19811029; NZ 19878081 A 19811028; PH 26410 A 19811028; PL 23362181 A 19811029; ZA 817493 A 19811029