

Title (en)

METHOD OF OBTAINING CELLULOSE FIBRE MATERIAL FROM A PLANT SUBSTRATE CONTAINING CALCIUM PECTINATE

Title (de)

VERFAHREN ZUR GEWINNUNG VON CELLULOSEFASERMATERIAL AUS CALCIUMPEKTINAT-HALTIGEM, PFLANZLICHEM SUBSTRAT

Title (fr)

PROCEDE DE PRODUCTION D'UN MATERIAU DE FIBRES CELLULOSIQUES CONSISTUE D'UN SUBSTRAT VEGETAL CONTENANT DU PECTINATE DE CALCIUM

Publication

EP 0861347 A1 19980902 (DE)

Application

EP 95940192 A 19951117

Priority

EP 9504521 W 19951117

Abstract (en)

[origin: WO9719221A1] The invention concerns a method of obtaining cellulose fibre material from a plant substrate containing calcium pectinate, the plant substrate being solubilized by using trisodium phosphate and optionally bleached. The method is characterized in that the plant substrate is simultaneously treated with borax or pretreated with an aqueous borax solution before solubilization. Preferably the borax is present in an amount of between 0.5 and 10 g, in particular between 1 and 5 g and preferably 3 g per litre of water and the temperature of the solution is in particular between 30 and 60 DEG C, preferably between 40 and 50 DEG C and more preferably 45 DEG C.

IPC 1-7

D21C 3/00; **D21C 5/00**

IPC 8 full level

D21C 3/00 (2006.01); **D21C 5/00** (2006.01)

CPC (source: EP)

D21C 3/006 (2013.01); **D21C 5/00** (2013.01)

Citation (search report)

See references of WO 9719221A1

Cited by

DE102009043428A1; DE102007030576A1; DE102017011741A1; DE102022003958A1; WO2024089004A1

Designated contracting state (EPC)

BE DE DK ES FR GB IE IT PT SE

DOCDB simple family (publication)

WO 9719221 A1 19970529; AU 4173096 A 19970611; CZ 146898 A3 19980916; DE 59507926 D1 20000406; EP 0861347 A1 19980902; EP 0861347 B1 20000301

DOCDB simple family (application)

EP 9504521 W 19951117; AU 4173096 A 19951117; CZ 146898 A 19951117; DE 59507926 T 19951117; EP 95940192 A 19951117