

Title (en)
Method for obtaining cellulose

Title (de)
Verfahren zur Gewinn von Cellulose

Title (fr)
Procédé de production de cellulose

Publication
EP 2148000 B1 20150520 (DE)

Application
EP 09009419 A 20090721

Priority
RU 2008130711 A 20080724

Abstract (en)
[origin: EP2148000A2] Process for extracting cellulose comprises soaking the cellulose containing raw materials from herbaceous plants in an alkaline solution, thermomechanical-chemical processing of raw materials in a twin-screw apparatus comprising a heated chamber, two parallelly coupled shaft installed within the chamber, on which alternating screw conveyor segments and grinding cam segments are mounted, washing, bleaching, again washing, centrifuging and drying, where before washing, an additional thermo-chemical processing in a twin-screw apparatus, is carried out. Process for extracting cellulose comprises soaking the cellulose containing raw materials from herbaceous plants in an alkaline solution, thermomechanical-chemical processing of raw materials in a twin-screw apparatus comprising a heated chamber, two parallelly coupled shaft installed within the chamber, on which alternative screw conveyor segments and grinding cam segments are mounted, washing, bleaching, again washing, centrifuging and drying, where before washing, an additional thermo-chemical processing in a twin-screw apparatus, on which shaft of alternative screw conveyor segments and brake screw segments are mounted, is carried out.

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Cited by
CN103317572A; RU2761239C1; CN103450363A; CN105625074A; CN108130771A

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