

Title (en)

Process for the preparation of moisture resistant vegetable fibres.

Title (de)

Verfahren zur Herstellung von feuchtigkeitsbeständigen Pflanzenfasern.

Title (fr)

Procédé de préparation de fibres végétales résistants à l'humidité.

Publication

**EP 0608949 A1 19940803 (EN)**

Application

**EP 94200164 A 19940124**

Priority

- EP 94200164 A 19940124
- EP 93200184 A 19930125

Abstract (en)

A process for upgrading long, multicelled vegetable fibres or assemblies thereof which comprises the steps of a) submitting long, multicelled vegetable fibres or an assembly based thereon, to a water and/or steam treatment at a temperature in the range of from 130 to 250 DEG C and at a pressure which is at least the equilibrium pressure of the operating temperature, and for a time sufficient to decompose at least part of the hemicellulose present in said fibres. b) a controlled decompression/cooling of the reactor contents, c) isolating the fibres, and d) submitting the isolated fibres in a heating chamber to a temperature in the range of from 140 to 200 DEG C.

IPC 1-7

**D21C 1/02**; **B27N 1/00**; **D01C 1/00**

IPC 8 full level

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CPC (source: EP)

**B27N 1/00** (2013.01); **D01C 1/00** (2013.01); **D21C 1/02** (2013.01)

Citation (search report)

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