

Title (en)

A method for producing paper pulp molded products of non-paper pulp natural fibers

Title (de)

Verfahren zur Herstellung von Papierfaserstoff- Formkörper aus Naturfasern die nicht aus Papierfaserstoff bestehen

Title (fr)

Procédé pour la production d'articles moulés de pâte à papier à partir des fibres naturelles qui ne constituent pas de pâte à papier

Publication

EP 1634996 A1 20060315 (EN)

Application

EP 04021609 A 20040910

Priority

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Abstract (en)

A method for producing non-paper pulp natural fibers into paper pulp molded products, which is primarily produced by the following steps in sequence: a. scouring, b. bleaching, c. washing, d. dehydrating, e. pulverize, f. pulping, g. moldable pulp, h. paper pulp molding, and i. releasing, so as to obtain the paper pulp molded finished products made with non-paper pulp natural fibers. Accordingly, the present invention may use the traditional industrial waste such as palms, hemp and coconut shells as the major material for paper molded products to both decrease the cost of paper molded products and maintain the ecological environment of the earth.

IPC 8 full level

D21J 3/00 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] WO 03042451 A2 20030522 - WESTERMARK ULLA [SE], et al
- [A] GB 1576816 A 19801015 - ANVAR
- [A] US 4298643 A 19811103 - MIYAGAWA YOSHIAKI, et al
- [A] WO 02055774 A2 20020718 - WEYERHAEUSER CO [US], et al
- [A] WO 03044279 A1 20030530 - GRENIDEA TECHNOLOGIES PTE LTD [SG], et al
- [A] US 6379594 B1 20020430 - DOEPFNER HORST [AT], et al

Cited by

CN113527903A; US11255052B1; CN112878104A; GB2507385A; GB2507385B; CN114059390A

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