

Title (en)

Method of manufacturing articles of fiber or plant material from regenerable sources

Title (de)

Verfahren zur Herstellung von Formteilen aus von nachwachsenden Rohstoffen gewonnenem Faser- oder Pflanzenmaterial

Title (fr)

Procédé pour la production des articles en matériaux fibreux ou végétaux régénérables

Publication

EP 1175981 A3 20030122 (DE)

Application

EP 01117511 A 20010720

Priority

DE 10036193 A 20000724

Abstract (en)

[origin: EP1175981A2] The fibre material is mixed with the bonding agent and the mixture is compressed in a perforated mould and treated with heated gas. The moulded parts are 0.15-0.4 g/cm³ thick and are made comminuted fibre or plant material. The bonding agent has no formaldehyde content. The raw material can be e.g. straw, flax, hemp, sisal, kenaf or cocoa.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DA] US 5532330 A 19960702 - PIZZI ANTONIO [FR], et al
- [DA] DE 19704525 A1 19970814 - SCHLINGMANN GMBH & CO [DE]
- [DA] DE 4317692 A1 19941201 - BIOTEC BIOLOG NATURVERPACK [DE]
- [A] DE 19738953 C1 19990304 - FRITZ EGGER GES M B H & CO [AT]
- [A] US 5858553 A 19990112 - WU GAOMING [US]

Cited by

EP2138288A1; DE102008029882A1; EP2036691A3; EP1932643A3; DE102007038408A1; DE102006047279A1; DE102007038408B4; DE102008029882B4

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