

Title (en)

Atomized resin binding method and system for making wood-shaving panels.

Title (de)

Zum Verfahren mit zerstäubtem Harz und System zur Herstellung von Hobelspänenplatten.

Title (fr)

Procédé pour agglomérer au moyen de résine atomisée et système pour la fabrication de panneaux de fibres de bois.

Publication

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Application

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- ZA 934905 A 19930708

Abstract (en)

The present invention relates to an atomized-resin binding method and system for making wood-shaving panels, characterized in that the method comprises the step of simultaneously subjecting to heat and to a superheated pressurized steam dynamic pulse, the wood-shaving, glue and chemical mixture with a turbulent motion in the resin binding machine, so as to provide an atomized flow of particles having even physical characteristics. <IMAGE>

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Citation (search report)

- [X] US 3519469 A 19700707 - BERRONG HOWARD B
- [A] CH 232065 A 19440515 - FAHRNI FRED [DE]
- [A] DE 883337 C 19530716 - FAHRNI FRED
- [A] US 2872337 A 19590203 - HERITAGE CLARK C, et al
- [A] EP 0092699 A2 19831102 - CELOTEX CORP [US]
- [A] EP 0389201 A1 19900926 - MEDITE EUROP [IE], et al
- [A] FR 1136193 A 19570510 - DRAISWERKE GMBH
- [A] SU 1638011 A1 19910330 - VNII DEREVOBRABATYVAYUSHCHEJ [SU]

Cited by

CN103459107A; FR2787770A1; EP1044904A1; EP1350743A1; WO0107222A1; WO03082535A1; WO2014180867A1; WO2008071260A1; WO2012140206A1

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