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(54) Title (EN): ADHESIVE WITH TACK AND USE IN WOOD COMPOSITE PRODUCTS

(54) Title (FR): ADHÉSIF POURVU DE PÉGOSITÉ ET UTILISATION DANS DES PRODUITS COMPOSITES À BASE DE BOIS

(57) Abstract:

(EN): This invention discloses adhesive compositions useful for providing cohesive strength to particles, for example a mat of wood particles produced while making particleboard prior to curing. The adhesive compositions has a) one or more biopolymers and b) one or more monomers or oligomers. An oligomer may have a degree of polymerization of 4 or less. The weight ratio of the monomer/oligomer to the biopolymer is optionally between 30:70 and 80:20. Optionally, the adhesive compositions may be combined with an isocyanate. The adhesive composition may be used to make no added formaldehyde wood composites such as particleboard.

(FR): La présente invention concerne des compositions adhésives utiles pour conférer une force cohésive à des particules, par exemple un mat de particules de bois produit pendant la fabrication d'un panneau de particules avant le durcissement. Les compositions adhésives comprennent a) un ou plusieurs biopolymères et b) un ou plusieurs monomères ou oligomères. Un oligomère peut avoir un degré de polymérisation inférieur ou égal à 4. Le rapport pondéral monomère/oligomère au biopolymère est, facultativement, situé entre 30:70 et 80:20. Facultativement, les compositions adhésives peuvent être combinées avec un isocyanate. La composition adhésive peut être utilisée pour fabriquer des composites à base de bois sans formaldéhyde ajouté, tel qu'un panneau de particules.

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