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(54) Title (EN): CHITOSAN-BASED FORMALDEHYDE SCAVENGER AND APPLICATIONS THEREOF IN WOOD-BASED PRODUCTS

(54) Title (FR): PIÉGEUR DE FORMALDÉHYDE À BASE DE CHITOSANE ET SES APPLICATIONS DANS DES PRODUITS À BASE DE BOIS

(57) Abstract:

(EN): An adhesive composition is disclosed, and includes an aldehyde-based resin selected from the group consisting of urea-formaldehyde resins, melamine-formaldehyde resins, melamine-urea-formaldehyde resins, phenol-containing resins, and mixtures, combinations, and sub-combinations thereof, and a formaldehyde scavenger selected from the group consisting of chitosan, nano-chitosan, functionalized chitosan, and mixtures, combinations, and sub-combinations thereof.

(FR): L'invention concerne une composition adhésive, comprenant une résine à base d'aldéhyde choisie dans le groupe constitué par les résines urée-formaldéhyde, les résines mélamine-formaldéhyde, les résines mélamine-urée-formaldéhyde, les résines contenant du phénol et les mélanges, associations et sous-associations de celles-ci et un piègeur de formaldéhyde choisi dans le groupe constitué par le chitosane, le nano-chitosane, le chitosane fonctionnalisé et les mélanges, associations et sous-associations de ceux-ci.

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