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(54) Title (EN): A COMPOSITION FOR LACQUERING GLASS SUBSTRATES

(54) Title (FR): COMPOSITION DE LAQUAGE DE SUBSTRATS EN VERRE

(57) Abstract:

(EN): A composition for lacquering glass substrates is provided. The composition of lacquering comprises of about 10-90% of a resin, about 2-40 % of filler selected from the group consisting of inorganic particles, about 2-50% of pigments selected from the group consisting of metal pigments or color pigments, about 1-30% of cross linkers selected from an amine group or an epoxy group or an acrylic group, about 0.1-10% of adhesion promoters and about 0.1-5% of surfactants dissolved in about 1-60% of water. The composition for lacquering glass substrates is devoid of any organic solvents. The present disclosure further relates to a method of making a lacquered glass article using the lacquer composition. The lacquered glass article prepared according to the present disclosure has a gloss value ranging between 10-100 R-60 #.

(FR): L'invention concerne une composition de laquage de substrats en verre. La composition de laquage comprend environ 10 à 90 % d'une résine, environ 2 à 40 % d'une charge choisie dans le groupe constitué de particules inorganiques, environ 2 à 50 % de pigments choisis dans le groupe constitué de pigments métalliques ou de pigments colorés, environ 1 à 30 % de réticulants choisis parmi un groupe amine ou un groupe époxy ou un groupe acrylique, environ 0,1 à 10 % de promoteurs d'adhérence et environ 0,1 à 5 % de tensioactifs dissous dans environ 1 à 60 % d'eau. La composition de laquage de substrats en verre est exempte de solvants organiques quelconques. La présente invention porte en outre sur un procédé de production d'un article en verre laqué à l'aide de la composition de laquage. L'article en verre laqué préparé selon la présente invention possède une valeur de brillance comprise entre 10 et 100 R-60 #.

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