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(54) Title (EN): LASER WELDING TRANSPARENT GLASS PANES USING A LOW EMISSIVITY COATING

(54) Title (FR): SOUDAGE AU LASER DE VITRES TRANSPARENTES À L'AIDE D'UN REVÊTEMENT À FAIBLE ÉMISSIVITÉ

(57) Abstract:

(EN): A sealed article and methods of making the same. The sealed article includes a first and second glass pane. The first and second glass panes include inner surfaces opposite outer surfaces and at least one outer edge. The second glass pane is spaced apart from and positioned substantially parallel to the first glass pane with a low emissivity layer there between. An seal is formed between the first and second glass panes contiguous the low emissivity layer.

(FR): L'invention concerne un objet fermé hermétiquement et des procédés de fabrication associés. L'objet fermé hermétiquement comprend une première et une deuxième vitre. La première et la deuxième vitre comprennent des surfaces internes à l'opposé des surfaces externes et au moins un bord extérieur. La deuxième vitre est écartée de la première vitre et positionnée de manière sensiblement parallèle à celle-ci, une couche à faible émissivité étant située entre elles. Un joint est formé entre la première et la deuxième vitre, contigu à la couche à faible émissivité.

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