



GENERALITAT
VALENCIANA



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PATENTES



Methods for producing laminated glass with natural veneer and modified veneer for use in buildings

DESCRIPTION OF THE TECHNOLOGY

The inventions are two methods of manufacturing laminated glass with natural veneer and modified veneer. These new laminated glasses are suitable for structural use, not just decorative.

MARKET APPLICATION SECTORS

- Decorating
- Furniture (indoor and outdoor)
- Construction

TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

The technology offers the following advantages and benefits:

- Attractive appearance
- Variety of colors (wood species) and textures
- Possibility of combining different colors and textures, as well as letters and drawings in the same glass
- Excellent thermal insulation
- Excellent sound insulation
- UV resistance
- Environment advantages: use of renewable materials in building materials, in accordance with EU guidelines; use of materials with high energy efficiency.

CURRENT STATE OF DEVELOPMENT

TRL4: the manufacturing methods were tested in laboratory environments, and little samples of laminated glass were produced and tested.

INTELLECTUAL PROPERTY RIGHTS

The product and the manufacturing methods described are patented at national level.

Title: MÉTODO PARA LA FABRICACIÓN DE VIDRIO LAMINADO CON CHAPA DE MADERA NATURAL Y SU USO EN EDIFICACIONES

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Title: MÉTODO PARA LA FABRICACIÓN DE VIDRIO LAMINADO CON CHAPA DE MADERA MODIFICADA Y SU USO EN EDIFICACIONES

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COLABORATION SOUGHT

Companies interested in the following systems of cooperation:

- Agreement about patent license to implementation and to use of technology.
- Agreement about Research & Development for implementing and qualifying the product and the manufacturing method depending on the application.

RELATED IMAGES



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