

Title (en)

METHOD FOR MODIFYING WOODEN SURFACES

Title (de)

VERFAHREN ZUR MODIFIZIERUNG VON HOLZBEREICHEN

Title (fr)

PROCEDE POUR MODIFIER DES SURFACES EN BOIS

Publication

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Application

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Abstract (en)

[origin: DE19718287C1] The invention relates to a method for modifying wooden surfaces, especially by removal of layers. According to the invention, the wooden surfaces are modified thermally using high-energy radiation. This modification occurs by means of thermal absorption. During a short period of exposure of an area of the surface of the wood to the high-energy radiation, a thin layer of said wood is heated abruptly, so strongly that most of the volume of wood thus heated vaporizes or is converted into plasma just as abruptly.

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