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**EP4072806**

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## WOOD MODIFICATION METHOD AND MODIFIED WOOD

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**METHOD OF WOOD MODIFICATION**

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**Abstract of LT2019537 (A)**

The present invention describes a method of treating wood by providing new physicochemical properties, including an increase in density, resistance to rot, and color change throughout the volume. Said method comprises the following steps: placing the wood workpiece into a container; creating a vacuum in the container; dissolving the inorganic compound in a solvent; incorporation of tannins into the solution; filling the container with solution so that all the placed workpieces are submerged; creating the required pressure in the volume of the container; heating the solution in the container to the required temperature; stopping the heating process after the required time has elapsed and the wood has acquired the desired shade (black, gray, blue, purple, brown or colors close to the said colors or combinations of the said colors), normalizing the pressure and releasing the solution from the tank; washing and drying of workpieces.