

Title (en)
A METHOD AND APPARATUS FOR INCREASING THE HARDNESS INTENSITY OF WOOD

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ERHÖHEN DER HÄRTE VON HOLZ

Title (fr)
PROCEDE ET APPAREIL POUR AUGMENTER LA DURETE ET LA DENSITE DU BOIS

Publication
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Application
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Abstract (en)
[origin: WO0013865A3] A device for increasing the hardness and intensity of wood which comprises chuck means for holding the wood in a fixed position for processing, a compression-shaped forming die for compressing the wood being processed, an ultrasonic wave-generating device operatively connected with the compression-shaped forming die for applying sound waves to the wood, a forming mold positioned downstream of said compression-shaped forming die for receiving wood therefrom, said forming mold further compressing said wood to remove a portion of the water contained therein, and means for advancing the chuck means containing the wood being processed through the compression-shaped forming die, the ultrasonic wave-generating device and the forming mold.

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