

Title (en)
METHOD FOR STOCKING AND PRESERVING GREEN ROUND WOOD AND SAWN TIMBER

Title (de)
VERFAHREN ZUR KONSERVIERENDEN LAGERUNG VON FRISCHEM RUND- UND SCHNITTHOLZ

Title (fr)
PROCEDE POUR STOCKER ET CONSERVER DU BOIS VERT ROND OU SCIE

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Application
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Abstract (en)
[origin: US6830727B1] The invention relates to a method for stocking and preserving green round wood and sawn timber, which is stored in an airtight and lighttight sealing cover. The oxygen inside the cover is decomposed by the respiratory process of fungi, bacteria and wood cells that are still alive, thereby forming CO₂ and H₂O. Fermentation processes also lead to the decomposition of hemicelluloses and saccharides which are converted to organic acids and CO₂. The oxygen content in the cover is less than 0.1 vol. % after an adjustment time of 3 to 10 days of total stocking, while said CO₂ content rises to more than 21 and up to 40 vol. %. This method enables green round wood a swan timber to be stocked over long periods without wastage or environmental damage.

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