

Title (en)
METHOD FOR DETERMINING THE STATE OF A WOODEN SUPPORT

Title (de)
VERFAHREN ZUR BESTIMMUNG DES ZUSTANDES EINES HOLZPFOSTENS

Title (fr)
PROCEDE POUR DETERMINER L'ETAT D'UN SUPPORT EN BOIS

Publication
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Application
EP 05810697 A 20051017

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Abstract (en)
[origin: WO2006042996A2] The invention concerns a method for determining the state of preservation of a wooden support and establishing a diagnosis, in order to find out whether the wooden support is in a state which is suitable for use, in a state requiring a maintenance operation or in a state requiring its elimination. Said method consists in: measuring the hardness of the wooden support, measuring the hygroscopy of the wooden support, calculating a resulting safety residual stress, based on the measured hardness and the measured hygroscopy, comparing the value of the stress with an observed average safety residual stress, and establishing the diagnosis based on the comparison. The method further includes steps which consist in: determining the wood essence of the wooden support, determining the treatment previously applied to the wooden support, and calculating the resulting safety residual stress, based on the wood essence and the treatment previously applied to the wooden support.

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