

Title (en)  
SPECTROPHOTOMETRIC METHOD TO MEASURE QUALITY AND STRENGTH PARAMETERS IN TREES, LUMBER, TIMBER, CHIPS, SAW DUST, PULP AND PAPER

Title (de)  
SPEKTROPHOTOMETRISCHE METHODE ZUM MESSEN DER PARAMETER FÜR QUALITÄT UND FESTIGKEIT VON BÄUMEN, BAUHOLZ, SPÄNEN, SÄGEMEHL, PAPIERBREI UND PAPIER

Title (fr)  
PROCEDE SPECTROPHOTOMETRIQUE POUR MESURER DES PARAMETRES DE QUALITE ET DE RESISTANCE DANS DES ARBRES, DU BOIS DE CONSTRUCTION, DES COPEAUX, DE LA SCIURE DE BOIS, DE LA PATE ET DU PAPIER

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Abstract (en)  
[origin: WO9531710A1] The present invention relates to a process to determine quality properties, qualitative and quantitative parameters on cellulose fibre products such as trees, lumber, timber, chips, saw dust, pulp and paper before, during and after processing or parts thereof to a final product, crucial for product classification, sorting and monitoring and additions during different process steps characterised by treating data from spectroscopy in the wavelength region of 200-15400 nm of named fibre products by multivariate methods so-called chemometrics. The invention is not limited to the cellulose fibre products given above. Several parameters can be determined at the same time, chemical as well as physical as latent and collective parameters as processability. Further the status and changes in a process such as ageing or chemical conversion can be determined. Parameters and properties today taking hours and days to determine now can be made in minutes, seconds or parts thereof.

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