9801614-0

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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G01N 21/17 — A1

(11) International Publication Number: **WO 97/04299**

(43) International Publication Date: 6 February 1997 (06.02.97)

(21) International Application Number: PCT/SE96/00892

(22) International Filing Date: 2 July 1996 (02.07.96)

(30) Priority Data:
(1) 9502611-8 — 14 July 1995 (14.07.95) — SE

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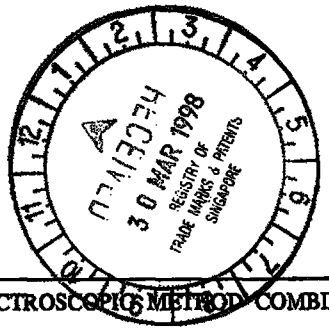
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(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

IPD.
1 appl.
21 mvs.



(54) Title: PREDICTION OF THE PROPERTIES OF BOARD BY USING A SPECTROSCOPIC METHOD COMBINED WITH MULTIVARIATE CALIBRATION

(57) Abstract

A method for determination of parameters of wood panels, which comprises analyzing the raw wood material/panels at a moisture content < 10 % spectrometrically, and comparing spectral data with reference data from reference material/panels calibrated to known parameters of panels produced from said reference material or of said reference panel by multivariate analysis. Control of process variables influencing parameters of the panels, which comprises analyzing the material/panels, linking spectral data into a combination with desired parameters, and comparing said combination with reference combinations consisting of reference data from reference material/panels linked with known parameters of said reference material/panels, said reference combinations being calibrated to known variables by multivariate analysis.