

Title (en)  
ULTRASONIC APPARATUS FOR CHARACTERIZING WOODEN MEMBERS USING A MEASUREMENT OF WAVE DISTORTION

Title (de)  
ULTRASCHALLGERÄT ZUR KARAKTERISIERUNG VON HOLZTEILEN DURCH MESSUNG VON WELLENVERFORMUNG

Title (fr)  
APPAREIL ULTRASONORE POUR CARACTERISER DES ELEMENTS EN BOIS AU MOYEN D'UNE MESURE PAR DISTORSION D'ONDE

Publication  
**EP 1057011 A4 20030813 (EN)**

Application  
**EP 99908387 A 19990223**

Priority

- US 9903919 W 19990223
- US 7609098 P 19980226
- US 8201898 P 19980416
- US 8201298 P 19980416
- US 15143298 A 19980911
- US 19716598 A 19981120
- US 19667498 A 19981120

Abstract (en)  
[origin: WO9944049A1] Ultrasonic technique is applied to the measurement of wooden member (10) to identify localized anomalies internal to the wooden member (10) substantially smaller than the full width of the ultrasonic beam (48).

IPC 1-7  
**G01N 29/04**; **G01N 29/06**; **G01N 29/10**; **G01N 33/46**

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Citation (search report)

- [XP] US 5760308 A 19980602 - BEALL FRANK CARROLL [US], et al
- [XY] US 5097881 A 19920324 - MACK MICHAEL J [US]
- [X] SCHMOLDT D L, DUKE JR. J C, MORRONE M, AND JENNINGS C M: "Application of ultrasound nondestructive evaluation to grading pallet parts.", PROCEEDINGS OF THE 9TH INTERNATIONAL SYMPOSIUM ON NONDESTRUCTIVE TESTING OF WOOD, 22 September 1993 (1993-09-22) - 24 September 1993 (1993-09-24), Wisconsin, USA, pages 183 - 190, XP002243913
- [Y] PATENT ABSTRACTS OF JAPAN vol. 009, no. 129 (P - 361) 5 June 1985 (1985-06-05)
- See references of WO 9944049A1

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