

Title (en)

METHOD FOR DETECTING THE POSITION OF THE BAND EDGE OF A MATERIAL SHEET

Publication

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Application

EP 85905810 A 19851109

Priority

- DE 3442154 A 19841117
- EP 8500598 W 19851109

Abstract (en)

[origin: WO8602913A1] In a method for detecting the position of the band edge of a material sheet (1) by means of an ultrasound detector comprised of an emitter (2) and a receiver (3) and arranged in the region of the band edge, the sound waves received being converted into an electric signal. In order to reliably suppress the influence of reflected waves from the result of the measurements, the emitter (2) sends individual pulses or wave packets which are time offset. The wave packets (or individual pulses) received by the receiver (3) are converted into a corresponding series of electric vibrations, a limited part of the series of vibrations being analysed and the analysis value being recorded to be further processed. A device used to implement the method comprises an emitter (2) supplied by a pulse generator (4), a pick value rectifier (6) connected after the receiver (3), which provides an electric signal, and an activatable transmission circuit (9), connected after the pick value rectifier (6) to transmit the pick value to a memory (10).

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Cited by

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