

Title (en)
METHOD AND DEVICE FOR ADJUSTING EXPANDED WOODEN ELEMENTS

Publication
EP 0133841 B1 19870304 (DE)

Application
EP 84730008 A 19840131

Priority
DE 8314268 U 19830511

Abstract (en)
[origin: EP0133841A1] 1. Method for aligning elongated wooden elements (1) in a predetermined way relative to at least one reference line (16) which is determined by at least one processing station (3, 4) to which the elongated wooden elements (1) are supplied one after the other in the longitudinal direction by means of a longitudinal conveyor (5) which in turn is loaded from an endless transverse conveyor (8) which conveys the elongated wooden elements (1) in the transverse direction wherein at least one optical scanning station (32) is provided in the conveyor area of the transverse conveyor for detecting the parameters which are characteristics of the elongated wooden elements and characterise their volumetric arrangement and can issue at a control point (15) signals representing these parameters for controlling position adjustment mechanisms for the elongated wooden elements (1) characterised in that the elongated wooden element (1) is brought by means of the transverse conveyor (8) into a longitudinal conveying position at a distance above the endless longitudinal conveyors (5), that the speed and/or conveying direction of the individual transverse conveyors (8) are controlled by the control unit (15) so that the elongated wooden element (1) is aligned into this longitudinal conveying direction in the predetermined way relative to the reference line (16), and that after the elongated wooden element (1) thus aligned has reached the longitudinal conveyor position the transverse conveyors (8) are stopped and lowered so that the elongated wooden element (1) is set down on the longitudinal conveyor (5).

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