

(54) Title of the invention : WOOD BUNDLING DEVICE

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(57) Abstract :

A conveyer belt 1 attached to a primary slider 2 for transferring woods to a C-shaped extendable wood holder unit 3, wherein the primary slider 2 provides vertical movement to the belt 1 in order to make a stack of the woods, an ultrasonic and moisture sensor 4,5 for detecting density and moisture of the woods, a controller configured in a manner for processing the data acquired from the sensors 4,5 and generates a command for dispatching the woods in a container 6, a PIR (passive infrared) sensor 7 for detecting height of the stack of wood upon which the controller generates a command to actuate the belt 1 to move over the primary slider 2, a polythene roller unit 8 mounted on a rotatable frame 9 and fixed to a C- shaped wood holder 10 for wrapping the stack of wood, a telescopically operated L shaped cutting blade 11 for cutting end portion of the wrapped polythene. Ref Figure 1

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