

Title (en)  
WINDING DEVICE

Title (de)  
WICKELVORRICHTUNG

Title (fr)  
DISPOSITIF D'ENROULEMENT

Publication  
**EP 0929705 A1 19990721 (DE)**

Application  
**EP 98922577 A 19980611**

Priority  
• CH 9800257 W 19980611  
• DE 19732832 A 19970730

Abstract (en)  
[origin: DE19732832A1] The invention concerns winding device (10) for reproducing a lap roll (12), wherein the lap (14) is wound on a core (H) driven by an endless rotating belt (20). Said core is, for this purpose, located in a loop (22) of the stretched belt (20), which is formed between two deviating pulleys (R1, R2) which gradually widens as the lap roll (12) increases, the next empty core (H) being transferred, by means of a positioning arm (38) preferably capable of pivoting about an axis (B) from a core magazine (36) to a winding site. The positioning arm (38) can be moved between a load-engaging position, wherein it engages said core (H) coming from the core magazine (36), and a load-setting position wherein said core (H) is set in a predetermined winding position. The device comprises means (R3) for compensating shifts in the belt length occurring by sections when the core (H) is being transferred to its winding site. The core (H) transfer to its winding site as well as the compensating of shifts in the belt length are at least partly automated and controlled by a control unit (64). The compensating of the shifts in the belt length and the core (H) transfer to its winding site are co-ordinated by a control unit (64) such that the positioning arm (38) can be brought to the winding site when a predetermined working stress is overcome and the core (H) constantly rests on the belt (20).

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Cited by  
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