

Title (en)
WINDING DEVICE

Title (de)
WICKELVORRICHTUNG

Title (fr)
DISPOSITIF D'ENROULEMENT

Publication
EP 0799337 A1 19971008 (DE)

Application
EP 96933299 A 19961018

Priority
• CH 9600366 W 19961018
• DE 19539365 A 19951023

Abstract (en)
[origin: DE19539365A1] The invention relates to a winding device (10) for producing a lap roll (12), in which the lap (14) is wound on a tube (H) driven by a circulating and continuous belt (18). The tube is arranged to be rotatable about a fixed axis (A) in a loop (20), formed between two guide pulleys (R1, R2), of the belt stretched by tensioning means (22). The tube which can be rotated about a fixed axis (A), and the two guide pulleys (R1 and R2) are dimensioned and arranged in relation to each other such that at the start of winding the loop (20) surrounds the tube (H) at an initial minimal angle of wrap of 120 DEG or more and preferably of 180 DEG or more. To produce a tension force dependent on the roll diameter, the tensioning means (22) is linked to control means (28).

IPC 1-7
D01G 27/04

IPC 8 full level
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CPC (source: EP US)
D01G 27/04 (2013.01 - EP US)

Citation (search report)
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Cited by
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DE 19539365 A1 19970424; CN 1066785 C 20010606; CN 1166188 A 19971126; DE 59608676 D1 20020314; EP 0799337 A1 19971008; EP 0799337 B1 20020130; JP 4210329 B2 20090114; JP H10511632 A 19981110; US 6490762 B1 20021210; WO 9715707 A1 19970501

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