

Title (en)

METHOD AND SYSTEM FOR ADJUSTING TENSION DURING WINDING FOR A MACHINE WITH A WINDING STATION, COMPUTER PROGRAM IMPLEMENTING SAID METHOD AND MACHINE COMPRISING WINDING STATION

Title (de)

VERFAHREN UND SYSTEM ZUR EINSTELLUNG DER SPANNUNG BEIM AUFWICKELN FÜR EINE MASCHINE MIT EINER WICKELSTATION, COMPUTERPROGRAMM ZUR UMSETZUNG DIESES VERFAHRENS UND MASCHINE MIT WICKELSTATION

Title (fr)

PROCÉDÉ ET SYSTÈME D'AJUSTEMENT DE LA TENSION DE REMBOBINAGE POUR UNE MACHINE COMPRENANT UNE UNITÉ DE REMBOBINAGE, PROGRAMME D'ORDINATEUR METTANT EN OEUVRE LE PROCÉDÉ ET MACHINE COMPRENANT UNE UNITÉ DE REMBOBINAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2905246A1] The method is applicable to a rewinding station comprising a first mandrel (1) and a second mandrel (2) associated with respective first and second motors for rotating in the same direction so that a web (L) wound around the first mandrel (1) is unwound from same and rewound on the second mandrel (2) with an amount of tension that can be adjusted by the adjustment method which comprises controlling the speed of the second motor. Said method is a sensor-less open-loop adjustment method and comprises performing speed control on the second motor with rotational torque limited to calculated values. The adjustment system, the computer program and the machine are suitable for implementing the method of the invention.

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

- [A] JP S59138556 A 19840809 - NIPPON TELEGRAPH & TELEPHONE
- [A] JP 2002302312 A 20021018 - TOSHIBA GE AUTOMATION SYSTEMS
- See references of WO 2014057142A1

Cited by

CN105253677A; WO2017108472A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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