

Title (en)

METHOD AND SYSTEM FOR ADJUSTING TENSION DURING WINDING FOR A MACHINE WITH A WINDING STATION

Title (de)

VERFAHREN UND SYSTEM ZUR EINSTELLUNG DER SPANNUNG BEIM AUFWICKELN FÜR EINE MASCHINE MIT EINER WICKELSTATION

Title (fr)

PROCÉDÉ ET SYSTÈME D'AJUSTEMENT DE LA TENSION DE REMBOBINAGE POUR UNE MACHINE COMPRENANT UNE UNITÉ DE REMBOBINAGE

Publication

EP 2905246 A1 20150812 (EN)

Application

EP 13845624 A 20130927

Priority

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- ES 2013000213 W 20130927

Abstract (en)

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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C-Set (source: EP)

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Cited by

CN105253677A; WO2017108472A1

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