

Title (en)

Method and arrangement for controlling winder device operation

Title (de)

Verfahren und Anordnung zum Steuern des Wickelvorrichtungsbetriebs

Title (fr)

Procédé et agencement pour le contrôle de l'opération d'un dispositif d'enroulement

Publication

EP 2192066 A3 20101110 (EN)

Application

EP 09175640 A 20091111

Priority

FI 20086135 A 20081126

Abstract (en)

[origin: EP2192066A2] In an arrangement according to the invention for controlling the operation of a winder device, there are measuring and data-processing means (208) to determine at least one quality indicator representing the properties of a machine reel being formed (204) during the winding process by means of a measurement applied to the machine reel. From the machine reel, it is possible to determine e.g. hardness, density and/or top-layer tangential tension. In the arrangement, there is a controller apparatus (212) which is arranged to provide a first control circuit for adjusting specifications of winding parameters based on a determined quality indicator and a second control circuit for controlling the winder device based on the specifications of the winding parameters. The arrangement according to the invention is able to adjust the quality properties of the machine reel being formed by closed control already during the winding process.

IPC 8 full level

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Citation (search report)

- [XII] US 6047275 A 20000404 - JAREMKO TODD R [US], et al
- [XII] US 2003226928 A1 20031211 - MCNEIL KEVIN B [US], et al

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EP3027546A4; CN108699773A; US10662584B2; WO2017144784A1

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DOCDB simple family (application)

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