

Title (en)

A method in a reel-up and a reel-up

Title (de)

Verfahren zum Aufwickeln und Wickler

Title (fr)

Procédé dans une enrouleuse et enrouleuse

Publication

EP 2256074 A1 20101201 (EN)

Application

EP 10175579 A 20050630

Priority

- EP 05761410 A 20050630
- FI 20045254 A 20040630

Abstract (en)

A method in a reeler and a reeler, wherein a reeling nip (N1) is formed by a reeling core (5) or a growing machine reel (R) and at least one loop of an endless supporting member (1), which is substantially continuous in the axial direction of the reeling core (5). In the method the tension profile of the endless supporting member (1) is determined from the measured variables proportional to the tension of the endless supporting member (1).

IPC 8 full level

B65H 18/22 (2006.01)

CPC (source: EP US)

B65H 18/22 (2013.01 - EP US); **B65H 2515/314** (2013.01 - EP US)

Citation (applicant)

- FI 91383 B 19940315 - VALMET PAPER MACHINERY INC [FI]
- US 5251835 A 19931012 - KYYTSOENEN MARKKU [FI]
- FI 950274 A 19950725 - VOITH SULZER PAPIERMASCH GMBH [DE]
- US 5690298 A 19971125 - RUECK KARL [DE]
- US 5048353 A 19910917 - JUSTUS EDGAR J [US], et al
- EP 0860391 A1 19980826 - VALMET CORP [FI]
- WO 9855384 A1 19981210 - BELOIT TECHNOLOGIES INC [US], et al
- FI 20010621 A 20021027 - METSO PAPER AUTOMATION OY [FI]
- FI 20012528 A 20030621 - METSO PAPER INC [FI]

Citation (search report)

- [A] EP 0860391 A1 19980826 - VALMET CORP [FI]
- [A] WO 9855384 A1 19981210 - BELOIT TECHNOLOGIES INC [US], et al
- [A] US 4476076 A 19841009 - SAIDL GLEN W [US]
- [A] WO 03004389 A1 20030116 - METSO PAPER INC [FI], et al
- [A] US 6698681 B1 20040302 - GUY FREDRICK ADDISON [US], et al
- [A] US 5048353 A 19910917 - JUSTUS EDGAR J [US], et al
- [A] US 5944273 A 19990831 - LIN PHILIP SIM [US], et al
- [A] US 5901918 A 19990511 - KLERELID BERNT ERIK INGVAR [SE], et al
- [A] US 4883233 A 19891128 - SAUKKONEN SEppo [FI], et al
- [A] US 5150850 A 19920929 - ADAMS RICHARD J [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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