

Title (en)

UNWINDING SECTION AND A METHOD FOR REMOVING SLAB FIBER WEB FROM A REELING SHAFT

Title (de)

ABWICKLUNGSABSCHNITT UND VERFAHREN ZUM ENTFERNEN VON PLATTENFASERBAHN VON EINER WICKELWELLE

Title (fr)

SECTION DE DÉROULEMENT ET PROCÉDÉ D'ÉLIMINATION DE TOILE DE DALLE EN FIBRES À PARTIR D'UN ARBRE D'ENROULEMENT

Publication

EP 4005956 A1 20220601 (EN)

Application

EP 21201563 A 20211008

Priority

FI 20206106 A 20201105

Abstract (en)

The invention relates to an unwinding section for unwinding a fiber web (W) from a parent roll (12) wound around a reeling shaft (10), which unwinding section (15) comprises two unwinding positions (I, II) consisting of a first unwinding position (I) and a second unwinding position (II), in which unwinding section (15) the unwinding of the parent roll (12) is configured to be begun at the first unwinding position (I) and in which unwinding section (15) towards end of the unwinding the parent roll (12) is configured to be transferred to the second unwinding position (II), which unwinding section (15) comprises a broke opening (26). The unwinding section (15) comprises a slabbing device (35) configured to operate in area of the first and second unwinding positions (I, II). The slabbing device (35) is configured to pick up a slab fiber web (RW) from a reject roll (13) formed of a fiber web remaining on the reeling shaft (10) after the unwinding of the parent roll (12) is finished in the second unwinding position (II) and the slabbing device (35) is configured to empty the slab fiber web (RW) through the broke opening (26). The invention also relates to a method for removing slab fiber web from a reeling shaft for removing slab fiber web from a reeling shaft (10) in an unwinding section (15) comprising two unwinding positions (I, II) consisting of a first unwinding position (I) and a second unwinding position (II) and comprising a broke opening (26), in which method in the unwinding section (15) the unwinding of the parent roll (12) is begun at the first unwinding position (I) and towards end of the unwinding the parent roll (12) is transferred to the second unwinding position (II). In the method the slab fiber web (RW) is removed by a slabbing device (35) operating in area of the first and second unwinding positions (I, II), the slab fiber web (RW) from a reject roll (13) formed of a fiber web remaining on the reeling shaft (10) after the unwinding of the parent roll (12) is finished in the second unwinding position (II) is picked up by the slabbing device (35) and the slab fiber web (RW) is emptied from the slabbing device (35) through the broke opening (26).

IPC 8 full level

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Citation (applicant)

FI 121007 B 20100615 - METSO PAPER INC [FI]

Citation (search report)

- [AD] DE 102008039312 A1 20090416 - METSO PAPER INC [FI] & FI 121007 B 20100615 - METSO PAPER INC [FI]
- [A] EP 2364941 A2 20110914 - VOITH PATENT GMBH [DE]
- [A] DE 102019110059 A1 20191024 - VALMET TECHNOLOGIES OY [FI]
- [A] DE 112007002471 T5 20090910 - METSO PAPER INC [FI]
- [A] EP 2511209 A1 20121017 - METSO PAPER INC [FI]
- [A] EP 1645534 A1 20060412 - VOITH PAPER PATENT GMBH [DE]

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