

Title (en)

SLEEVE ROLL FOR A WIRE SECTION OF A FIBER WEB MACHINE

Title (de)

BANDWALZE FÜR EINE SIEBPARTIE EINER MASCHINE ZUR HERSTELLUNG EINER FASERSTOFFBAHN

Title (fr)

ROULEAU POURVU D'UNE BANDE POUR UNE PARTIE HUMIDE D'UNE MACHINE DE FABRICATION D'UNE BANDE DE MATÉRIAU FIBREUX

Publication

EP 3913133 A1 20211124 (EN)

Application

EP 20175646 A 20200520

Priority

EP 20175646 A 20200520

Abstract (en)

The invention relates to a sleeve roll for a wire section of a fiber web machine. The sleeve roll (21) includes a stationary axle (28) and two circular roll heads (29) supported on the stationary axle (28) and arranged to rotate. The sleeve roll (21) further includes a belt loop (30) arranged around the stationary axle (28) and tensioned between the roll heads (29). There is also a curvilinear forming element (22) arranged between the stationary axle (28) and the belt loop (30). Said forming element (22) is in contact with the belt loop (30) in order to form rising pressure for water removal. Before the forming element (22) in the rotating direction of the belt loop (30) there is a lubricated sliding surface (31) for fabric support and lubrication of the forming element (22).

IPC 8 full level

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CPC (source: CN EP)

D21F 1/40 (2013.01 - EP); **D21F 3/08** (2013.01 - CN); **D21F 7/005** (2013.01 - EP); **D21F 9/003** (2013.01 - EP)

Citation (applicant)

EP 2350385 A1 20110803 - METSO PAPER INC [FI]

Citation (search report)

- [XYI] WO 2020076204 A1 20200416 - VALMET OY [SE]
- [Y] EP 0345501 A1 19891213 - VALMET PAPER MACHINERY INC [FI]
- [YD] EP 2350385 B1 20150930 - VALMET TECHNOLOGIES INC [FI]
- [Y] EP 1273702 A1 20030108 - VAAHTO OY [FI]

Designated contracting state (EPC)

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