

Title (en)
METHOD OF FORMING A FIBER WEB AND A FORMING SECTION FOR FORMING A FIBER WEB

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER FASERBAHN UND EIN FORMABSCHNITT ZUR HERSTELLUNG EINER FASERBAHN

Title (fr)
PROCÉDÉ DE FORMATION D'UNE BANDE DE MATIÈRE FIBREUSE ET SECTION DE FORMATION POUR LA FORMATION D'UNE BANDE DE MATIÈRE FIBREUSE

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Abstract (en)
The invention relates to a method for forming a fiber web (W), which method comprises steps of feeding a stock suspension (M) from a headbox onto a first, lower wire (10) of a forming unit, removing water from the stock suspension (M) in the forming unit at first in a single-wire part formed by the first, lower wire (10) and thereafter in a twin-wire part formed by the first, lower wire (10) and a second, upper wire (20). The method comprises steps of at first activating the stock suspension (M) by providing turbulence to the stock suspension (M) by at least one foil unit (15) with adjustable foils (40A, 40H) in the single-wire part, after the activating step providing pressure to the from the stock suspension (M) formed fiber web (W) by pressing means (50; 60): by a sleeve roll (50) with decreasing radius or by a metal belt (60), in the twin-wire part. The invention also relates to a forming section for forming a fiber web (W), which forming section comprises a headbox for feeding stock suspension (M) and a forming unit for forming the stock suspension (M) to a fiber web (W), which forming unit comprises a single-wire part comprising a first, lower wire (10) and a twin-wire part comprising the first, lower wire (10) and a second, upper wire (20). The forming unit comprises in the single-wire part at least one foil unit (15) with adjustable foils (40A, 40H) and in the twin-wire part pressing means (50; 60): a sleeve roll (50) with decreasing radius or a metal belt (60).

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Citation (applicant)

- EP 2762635 A1 20140806 - IBS OF AMERICA CORP [US]
- EP 2350385 B1 20150930 - VALMET TECHNOLOGIES INC [FI]

Citation (search report)

- [Y] DE 202017106978 U1 20171130 - VALMET TECHNOLOGIES OY [FI]
- [Y] US 6372093 B1 20020416 - BREWER JOHN R [US]
- [A] US 4523978 A 19850618 - PULLINEN MARTTI [FI]
- [A] US 5395484 A 19950307 - ODELL MICHAEL [FI], et al

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