

Title (en)
Gap former in a paper machine.

Title (de)
Doppelsiebformer in einer Papiermaschine.

Title (fr)
Section de formage à double toile dans une machine à papier.

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Application
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Abstract (en)
The invention concerns a gap former in a paper machine, whose twin-wire zone (B-C) comprises a combination of the following web-forming and dewatering units (a)...(d), which are placed in the given sequence in the running direction of the web (W) that is formed: (a) a forming gap (G), which is defined, at one side, by one of the wires (10;20), which runs over the open face (11';21') of the first forming roll (11;21), and by the substantially straight run of the opposite wire (20;10), starting from its guide roll (21A;11A) to the next forming member (22;12); (b) a forming shoe (12;22) provided with a curved ribbed deck (12a;22a), whose curve radius is $R1 > 2...8$ m, the tangential direction of the inlet side of the ribbed deck (12a; 22a) of said forming shoe (12; 22) substantially coinciding with the principal direction of the forming gap (G); (c) a MB unit or units (50), comprising a dewatering unit (40) and a press and support unit (60) placed one opposite to the other, the sets of ribs (80,70) in said units pressing the web (W) to be formed between the wires (10,20); and (d) a large-diameter (D2) second forming roll (23), which includes suction zones (23a,23b), in or after the area of which suction zones (23a) the covering wire (10) is separated by means of the guide roll (14') from the web (W), which is passed further on the carrying wire (20). <IMAGE>

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Citation (search report)
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