

Title (en)

TWIN-WIRE FORMER AND PROCESS FOR MAKING A CONTINUOUS WEB OF FIBROUS MATERIAL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO8911000A1] A twin-wire former for making a continuous web of paper (9) comprises two endless travelling screens (11, 12) which travel over breast rolls (13, 14) and form a wedge-shaped feed gap of a twin-wire region. In said region, the two travelling screens pass first over a curved stationary supporting device (15), then over a forming roll (16) which lies in the same screen loop (11) as the curved supporting device (15), and finally over a suction roll (18) which lies in the other screen loop (18). To provide a large storage volume for water, and additional lattice-like outer shell (27) surrounded by a coarse-mesh textile filter envelope (28) is arranged on the body (16a) of the forming roll. Approximately half the periphery of the suction roll (18) is surrounded by the two screens (11, 17). At the end of said region of the periphery, one screen (11) runs off followed by the other screen (12) together with the continuous web of paper (9) from the suction roll (18).

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