

Title (en)
TWO-WIRE FORMER

Title (de)
DOPPELSIEB-BLATTBILDNER

Title (fr)
FORMEUR A DEUX TOILES

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Application
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Abstract (en)
[origin: US5914009A] PCT No. PCT/EP94/02752 Sec. 371 Date Jun. 19, 1995 Sec. 102(e) Date Jun. 19, 1995 PCT Filed Aug. 18, 1994 PCT Pub. No. WO95/06162 PCT Pub. Date Mar. 2, 1995A two-wire former of a papermaking making machine has the following characteristics: (1) two continuous, loop-shaped wires (1, 2) form together an inlet gap for the paper pulp suspension; (2) a sheet forming zone has a section in which both wires are guided parallel to each other; (3) a plurality of guide rollers are arranged inside and outside both wire loops; (4) a roller (3, 4) associated to each wire loop deflects the associated wire at the beginning of the parallel section; (5) at least one of both inlet rollers (3, 4) has a circumferential area that forms no closed surface (forming roller). According to the invention, (6) both wires runs on the paper pulp-bearing section in a substantially horizontal direction; (7) the top wire is separated from the bottom wire by a separating suction box (8) with a curved surface; (8) the dewatering element (7.1) that follows the forming roller on the same side of the wire is provided with elastically suspended dewatering strips (7.3).

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US 5914009 A 19990622; AT E169072 T1 19980815; CA 2147381 A1 19950302; DE 4328024 A1 19950223; DE 59406561 D1 19980903; EP 0665914 A1 19950809; EP 0665914 B1 19980729; FI 951862 A0 19950419; FI 951862 A 19950419; JP H08502793 A 19960326; WO 9506162 A1 19950302

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