

Title (en)
WIRE CLOTH FOR PAPER-MAKING MACHINE

Title (de)
PAPIERMASCHINENSIEB

Title (fr)
TOILE DE MACHINE A PAPIER

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Application
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Abstract (en)
[origin: WO02092907A1] The invention relates to a paper-making machine wire cloth comprised of an individual woven cloth for the paper side (12) and an individual woven cloth for the running side (14), whereby each woven cloth consists of a set of weft threads (16; 20) and warp threads (18; 22). The diameters and the number of paper side and running side warp threads (18; 22) are essentially equal, and the paper side warp threads (18) and weft threads (16), together, form a plain weave. In order that at least a portion of the running side threads (22) passes into the paper side (12), extends over the subsequent paper side weft thread (16) and, afterwards, returns to the running side (14) each time at a location (24), at which this warp thread (22) is located above at least one assigned running side weft thread (20), a marking-free paper side is achieved in the plain weave while simultaneously improving the surface uniformity. A compact binding of the individual woven cloth is effected without the use of additional binding threads, whereby largely avoiding a layer separation of the individual woven cloth or an offset of the same with regard to one another.

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