

Title (en)

DOUBLE LAYER FABRIC FOR A PAPER MAKING MACHINE HAVING A COARSE WEAR SIDE STRUCTURE AND A FINE SHEET SURFACE STRUCTURE

Publication

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Application

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Priority

DE 3635000 A 19861014

Abstract (en)

[origin: FI881354A] Double-layer paper-machine wire with coarse-structured running side and fine-structured paper side. Double-layer paper-machine wires of this type are made up of one warp- yarn group and at least two weft-yarn groups woven together with at least six-thread pattern repeat, so that a weft-yarn group on the running side forms a protruding wear surface, while the other weft threads or weft-yarn groups are arranged on the paper side and can separate from each other on the basis of the diameter and/or length of the runs. For modern, quick, effective - but also sensitive - printing methods, paper of the highest quality is required. For the time being, however, not many of the abovementioned requirements have been satisfied by the use of double-layer wires. The double- layer paper-machine wire must therefore be developed further to be able to satisfy the most demanding requirements concerning fine mesh structure on the paper side, coarse mesh structure on the running side and wear properties. This is achieved by having at least parts of the running-side weft threads 4a,4b form part threads of, in each case, at least two threads lying close to each other which are tied by various warp threads. <IMAGE>

IPC 1-7

D21F 1/00

IPC 8 full level

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