

Title (en)
PAPER MACHINE FABRIC

Title (de)
PAPIERMASCHINEN-BESPANNUNG

Title (fr)
TOILE DE MACHINE A PAPIER

Publication
EP 1173640 B1 20100106 (DE)

Application
EP 00925218 A 20000417

Priority
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Abstract (en)
[origin: DE19917869A1] Blanket has a structured repeat woven pattern with inlets or recesses on the side towards the carried web. The blanket for a papermaking machine has a woven structure with inlets or recesses on the side towards the paper carried by it. The configuration of the warps and wefts differs from a standard weave, with spaced zones where there are at least three overlays in direct succession, and three underlays in direct succession along the warps or wefts. At a point where one warp is laid over at least three wefts in direct succession, the warp grips underneath at least at a raised intersection and a weft so that the weft grips over the adjacent warps. Where a weft is laid over at least three warps in direct succession, the weft grips underneath a warp at the lifting intersection so that the warp grips over the neighboring wefts. The structure is on the side of the blanket towards the supported paper web. Where there are at least three overlays in direct succession, the outer intersections are formed as lifting intersections. All the yarns or filaments are equivalent in the woven structure, or they are assembled in different groups. The overlaid warps/ wefts are partially ground smooth from the paper side of the blanket.

IPC 8 full level
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