

Title (en)

HIGH CALIPER PAPER AND PAPERMAKING BELT FOR PRODUCING THE SAME

Title (de)

DICKES PAPIER UND PAPIERMACHERGEWEBE ZU SEINER HERSTELLUNG

Title (fr)

PAPIER DE FORTE EPAISSEUR ET TOILE DE MACHINE A PAPIER SERVANT A LA PRODUCTION DE CE PAPIER

Publication

**EP 1153170 B1 20031217 (EN)**

Application

**EP 99969755 A 19990921**

Priority

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- US 16588898 A 19980930

Abstract (en)

[origin: WO0019014A1] A papermaking belt for producing a high caliper web of papermaking fibers and the paper web produced thereby. The papermaking belt comprises a reinforcing structure having a continuous network region and a plurality of discrete deflection conduits disposed thereon. The deflection conduits are sized, shaped, and arranged to maximize fiber deflection along the periphery of the conduits. The conduits are generally elliptical in shape having a mean width sized relative to mean fiber length. The conduits are arranged to maximize perimeter and corresponding fiber deflection per unit area.

IPC 1-7

**D21F 11/00**

IPC 8 full level

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