

Title (en)

PAPERMAKER'S SCREEN CYLINDER WITH HELIX SCREEN ELEMENT

Title (de)

SORTIERZYLINDER ZUR PAPIERHERSTELLUNG MIT SPIRALFÖRMIGEM SORTIERELEMENT

Title (fr)

CYLINDRE CLASSEUR A ELEMENT TAMIS HELICOIDAL POUR MACHINE A PAPIER

Publication

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Application

EP 99966336 A 19991216

Priority

- US 9929951 W 19991216
- US 11345698 P 19981223

Abstract (en)

[origin: WO0038849A1] A papermaker's screen cylinder (10) has a screen body (11) formed as a helical strip (15) of sheet material being joined along marginal edges to form lock seams (18), and mounted on end rings (12, 13). The strip (15) may be perforated with openings therein such as holes or may have openings or holes formed therein after being helically wound. The strip (15) is preferably corrugated transversely of its width with corrugations (21, 22) that extend parallel to the edges of the strip so as to enhance the beam strength of the strip. The end rings may be formed of stainless steel or may be formed of a polymer or composite material (36) bounded on the ends of the cylindrical screen body and retained by embedded anchors (40) extending through the screen body and into the material of the rings.

IPC 1-7

B07B 1/49; **B23P 15/16**

IPC 8 full level

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CPC (source: EP)

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