

Title (en)
WOVEN BELT FOR A CORRUGATED CARDBOARD MACHINE

Title (de)
GEWEBTER GURT FÜR EINE WELLPAPPENMASCHINE

Title (fr)
SANGLE TISSEE POUR MACHINE A FAIRE LE CARTON ONDULE

Publication
EP 0726982 B1 19980225 (DE)

Application
EP 95900106 A 19941102

Priority
• DE 9414344 U 19940903
• EP 9403603 W 19941102

Abstract (en)
[origin: US5785621A] PCT No. PCT/EP94/03603 Sec. 371 Date Mar. 3, 1997 Sec. 102(e) Date Mar. 3, 1997 PCT Filed Nov. 2, 1994 PCT Pub. No. WO96/07788 PCT Pub. Date Mar. 14, 1996A woven belt for a corrugated cardboard machine has a central woven layer for absorbing tensile stress which consists of first warp and weft threads. The first warp threads cross at least two first weft threads on one side of the central layer before crossing over to the other side. A woven top layer is connected to the upper side and a woven bottom layer is connected to the bottom side of the central layer. The top layer provides a support surface for the cardboard and has second warp and weft threads. The second warp threads cross at least two second weft threads on one side of the top layer before crossing over to the other side. The bottom layer has third warp and weft threads. The third warp threads cross one third weft thread on an inner side of the bottom layer before crossing over to the outer side. The third warp threads cross at least three third weft threads on the outer side of the bottom layer before crossing over to the inner side. First binding threads for weaving together the top layer and the central layer and second binding threads for weaving together the bottom layer and the central layer are provided. The weft threads are tied off within the three layers. The woven belt has longitudinal edge portions and a longitudinal center portion therebetween. The second warp threads include at least one outer warp thread positioned within the edge portions and inner warp threads positioned within the center portion. The outer warp thread extends longitudinally and consists of a material of a greater wear and/or a greater temperature resistance than the inner warp threads.

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D21F 1/00; **D21F 1/30**

IPC 8 full level
B31F 1/00 (2006.01); **B32B 5/08** (2006.01); **B32B 27/34** (2006.01); **B32B 27/36** (2006.01); **D03D 1/00** (2006.01); **D03D 11/00** (2006.01); **D03D 15/00** (2006.01); **D21F 1/00** (2006.01); **D21F 1/30** (2006.01)

CPC (source: EP US)
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