

Title (en)

Paper machine belt and paper machine employing same

Title (de)

Papiermaschinenband und Papiermaschine mit einem solchen Papiermaschinenband

Title (fr)

Courroie de machine à papier et machine à papier comportant cette courroie

Publication

EP 1832679 B1 20160323 (EN)

Application

EP 07010861 A 19981216

Priority

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- SE 9800949 A 19980320
- US 21164798 A 19981215
- US 21279898 A 19981216

Abstract (en)

[origin: EP1832679A1] A paper machine belt for advancing a wet paper web (1) between a press (14, 19) and a heated drying cylinder (5) of a paper machine is described. The belt (16) is an impermeable belt which has a web-contacting surface and is adapted to pass with the web through the press and then carry the web to the drying cylinder. According to the invention said surface defines a multitude of depressions (35) and surface portions (36) located therebetween, so that the belt (16) is a texturing belt, forming on the web a textured pattern. The belt or a layer (34) thereof intended for contact with the web is reversibly compressible so that the belt is compressed in a nip at the drying cylinder and resumes its uncompressed state when leaving the nip. The invention also refers to a textured soft high bulk paper web manufactured by means of said belt, said web has been textured by said belt before reaching the drying cylinder of a paper machine provided with said belt.

IPC 8 full level

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