

Title (en)

PROCESS FOR IMPREGNATING A TEXTILE FABRIC.

Title (de)

VERFAHREN ZUM IMPRÄGNIEREN VON TEXTILEN FLÄCHENGEBILDEN.

Title (fr)

PROCEDE D'IMPREGNATION D'UNE NAPPE TEXTILE.

Publication

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Application

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- FR 9100290 W 19910410

Abstract (en)

[origin: US5509161A] PCT No. PCT/FR91/00290 Sec. 371 Date Dec. 9, 1992 Sec. 102(e) Date Dec. 2, 1992 PCT Filed Apr. 10, 1991 PCT Pub. No. WO91/05622 PCT Pub. Date Oct. 17, 1991. The procedure for impregnating a woven or non-woven, knit, fiber sheet with an aqueous liquid, in particular of the kind containing a treatment agent, is characterized in that it consists of: (i) depositing the sheet 6 on a liquid-permeable, endless cloth 4, (ii) pouring by gravity the liquid in the form of a curtain or lamina onto the sheet and transversely to the direction of advance of this sheet, (iii) generating by means of a vacuum slit 13 mounted underneath the cloth sufficient pressure drop that at least part of said liquid shall pass through the sheet, the rate of poured liquid as defined in relation to the weight of the sheet moving underneath said curtain exceeding a specific value beyond which the entrainment rate is a function of said pressure drop but independent of the amount poured so as to make possible homogeneous impregnation and easy control of the entrainment rate.

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