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(54) **Belts for shoe presses**

(57) A long nip press belt (110) for a long nip press on a paper machine includes an endless base support substrate (112), a staple fiber batt (122) attached to at least one of the two sides of the endless base support substrate (112), and polymeric resin materials (128) totally impregnating the fiber/base composite structure (126,136) comprising the endless base support sub-

strate and the staple fiber batt. A layer of polymeric resin material (130) is built up upon the fiber/base composite structure to a predetermined thickness on each side of the long nip press belt. Once the polymeric resin material is cured, at least the inside surface is ground to a desired smoothness without exposing any fiber on the ground surface.

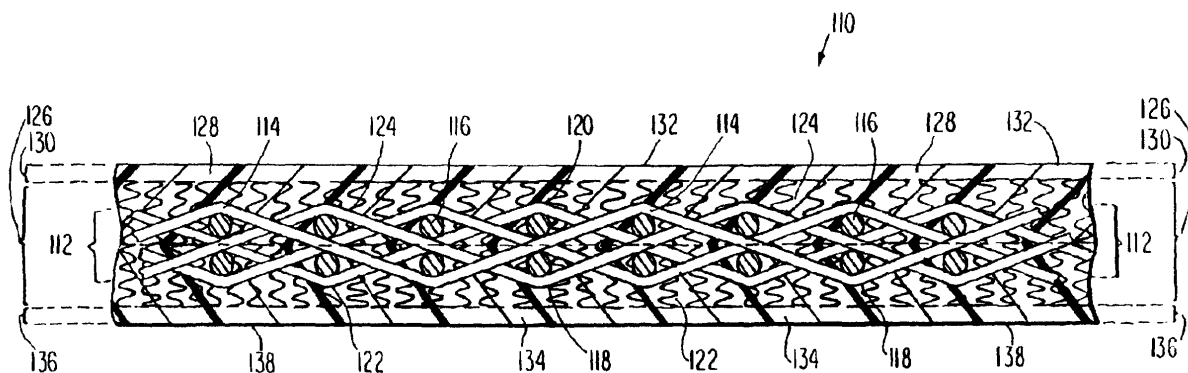


FIG. 5

EP 0 960 975 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 99 66 0026

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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D21F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 November 2000	Examiner De Rijck, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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