

Title (en)  
PAPER MACHINE COVERING AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
PAPIERMASCHINENBESpannung UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
TOILE DE MACHINE À PAPIER ET SON PROCÉDÉ DE RÉALISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO2010057802A2] The invention relates to a paper machine covering, particularly press felt for a paper, cardboard, or tissue machine, comprising a load-bearing base structure, which extends in the longitudinal and transverse directions of the covering and which comprises, in particular which is composed of, a) a longitudinal reinforcement module substantially providing the dimensional stability in the longitudinal direction of the covering and b) a transverse reinforcement module substantially providing the dimensional stability in the transverse direction of the covering, wherein the transverse reinforcement module and the longitudinal reinforcement module are arranged one on top of the other and are connected to each other. The invention is characterized in that the transverse reinforcement module is a warp-knit fabric that is composed of at least one system of weft threads arranged parallel to each other and at least one system that extends substantially perpendicular thereto, is composed of sewing threads that form stitches, and into which the weft threads are integrated to form a textile fabric, wherein the weft threads extend transversely to the longitudinal direction of the covering and have a greater bending stiffness than the sewing threads.

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Opponent : Heimbach GmbH & Co. KG  
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