

Title (en)

METHOD FOR FORMING A WEB OF TRANSVERSELY COMPACTED FIBROUS MATERIAL WITH VOLUMINOSITY AND EXTENSIBILITY INCREASE, AND APPARATUS FOR IMPLEMENTING THE METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER QUER VERDICHTETEN FASERBAHN MIT VOLUMEN- UND DEHNBARKEITSERHÖHUNG SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ POUR LA FORMATION D'UNE BANDE CONTINUE DE MATIÈRE FIBREUSE COMPACTÉE TRANSVERSALEMENT AVEC ACCROISSEMENT DE VOLUMINOSITÉ ET D'EXTENSIBILITÉ, ET APPAREIL POUR LA MISE EN ŒUVRE DU PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2013050810A1] A method for forming webs of transversely compacted fibrous material with voluminosity and extensibility increase, starting from a base web (30) of pliable fibrous material having a water content between 5 and 95%, placed on an endless elastic conveyor belt (2) made to advance along a support structure (4) and subjected to at least one localized temporary transverse extension, characterised by causing a substantially flat section of said belt to extend by passing it in correspondence with at least one pair of extender elements (26) which are fixed with respect to said support structure and act simultaneously and in opposing directions in proximity to the longitudinal edges of said belt (2) in a direction parallel to the surface of said substantially flat section, then depositing said base web (30) of fibrous material on said section just as it starts its elastic return to its initial configuration, then subjecting it during this step to partial drying and moisture removal.

IPC 8 full level

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CPC (source: EP US)

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