

Title (en)

APPARATUS FOR COMPACTING AND/OR STRUCTURING A NONWOVEN, AND A STRUCTURAL SHELL

Title (de)

VORRICHTUNG ZUR VERFESTIGUNG UND/ODER STRUKTURIERUNG VON EINEM VLIES SOWIE EINE STRUKTURSCHALE

Title (fr)

DISPOSITIF POUR LA STABILISATION ET/OU LA RÉALISATION DE MOTIFS D'UN NON-TISSÉ ET ENVELOPPE STRUCTURALE

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Application

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Abstract (en)

[origin: WO2020035257A1] The invention relates to an apparatus (100) for hydrodynamically compacting and/or structuring nonwoven, comprising an evacuated rotating drum (10), a structural shell (11) which is arranged on the drum (10) at a distance and around which a nonwoven can at least partly wrap, having at least one water beam (1), which has a nozzle strip (2) having a multiplicity of nozzles (4), wherein the water beam (1) is designed to compact and/or structure the nonwoven by means of water jets. The invention is characterized in that the structural shell (11) is formed from at least two rings, which can be slipped onto the drum (10) and fixed. The invention further relates to a structural shell.

IPC 8 full level

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