

Title (en)

DEVICE FOR HYDRO-NEEDLING NONWOVEN FABRICS, TISSUES OR KNITTED FABRICS

Title (de)

VORRICHTUNG ZUM HYDRODYNAMISCHEN VERFESTIGEN VON VLIESEN, GEWEBEN ODER GEWIRKEN

Title (fr)

DISPOSITIF D'AIGUILLETAGE HYDRODYNAMIQUE DE NON-TISSÉS, TISSUS OU TRICOTS

Publication

EP 3495544 B1 20200205 (DE)

Application

EP 18200089 A 20181012

Priority

DE 102017129220 A 20171208

Abstract (en)

[origin: CN109898233A] The invention relates to a device for hydrodynamically reinforcing webs, woven fabrics or knitted fabrics. The device comprises a reinforcing device (1) having at least one water beam (4) and a drum (3) or continuous belt (7), between which a fiber web (2) is transported and reinforced; a compression plate (14) is arranged upstream of the water beam (4) in the running direction of the fiber web (2), and is compressed on the fiber web (2) of the drum (3) or the continuous belt (7). The device is characterized in that at least one outlet unit is arranged upstream of the compression plate (14), above and/or below the fiber web (2) in the running direction of the fiber web (2), by means of which air carried by the fiber web (2) is discharged.

IPC 8 full level

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CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

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