

Title (en)

DEVICE FOR HYDRODYNAMICALLY STRENGTHENING NONWOVENS, WOVENS OR KNITTED FABRICS

Title (de)

VORRICHTUNG ZUR HYDRODYNAMISCHEN VERFESTIGUNG VON VLIESEN, GEWEBEN ODER GEWIRKEN

Title (fr)

DISPOSITIF DE CONSOLIDATION HYDRODYNAMIQUE DE NON-TISSÉS, TISSUS OU TRICOTS

Publication

**EP 2888394 A1 20150701 (DE)**

Application

**EP 13737139 A 20130709**

Priority

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- EP 2013002015 W 20130709

Abstract (en)

[origin: WO2014029451A1] The invention relates to a device for hydrodynamically strengthening nonwovens, wovens or knitted fabrics, comprising a base drum (1), which has a plurality of bore holes (4) and on which a structural drum (6) is arranged at a spacing, wherein the distance between the base drum (1) and the structural drum (6) can be produced with a plurality of wires (5, 5', 5'', 5''',...) that are arranged on the surface of the base drum (1) and are at least partially integrally joined to the base drum (1), the wires (5, 5', 5'', 5''',...) being arranged parallel to each other on the surface of the base drum (1), characterised in that the wires (5, 5', 5'', 5''',...) are arranged on the surface of the base drum (1) at an angle alpha of 5° to 45°, preferably 15° to the longitudinal axis of the base drum (1).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014029451A1

Cited by

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