

Title (en)

SIEVE MECHANISM FOR THE PRODUCTION OF PAPER, AND METHOD FOR THE TREATMENT OF NONWOVEN FIBERS

Title (de)

SIEBVORRICHTUNG FÜR DIE HERSTELLUNG VON PAPIER UND VERFAHREN ZUR BEHANDLUNG UNVERWOBENER FASERSTOFFE

Title (fr)

DISPOSITIF DE TAMISAGE POUR LA FABRICATION DU PAPIER, ET PROCEDE DE TRAITEMENT DE MATIERE FIBREUSE A FIBRES NON ENTRECROISEES

Publication

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Application

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Abstract (en)

[origin: US2008196854A1] To increase the processing speed of a sieve mechanism (9) for extracting carrier liquid from a fiber suspension (39) during the production of paper (27), paperboard, or cardboard, the sieve mechanism (9) is provided with a first electrode (43) which is disposed above, in, or below a sieve region and is connected to a high-voltage surge generator (46). A plasma can be generated in the fiber suspension (39) or in the immediate vicinity thereof, whereby the tensile strength of the paper (27) is also increased.

IPC 8 full level

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