

Title (en)
APPARATUS FOR THE CONTINUOUS AND TENSIONLESS TREATMENT OF TEXTILE WEBS

Publication
EP 0137065 B1 19860813 (DE)

Application
EP 83110082 A 19831008

Priority
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Abstract (en)
[origin: US4677717A] A device for the continuous and tension-free treatment, such as drying, shrinking, finishing and the like, of textile fabric sheets has a transport belt on which a fabric sheet is conveyed from one treatment zone to another so that the sheet is supported on the belt in a gathered condition. Upwardly directed lower nozzles are located below the transport belt and include closing members selectively opening and closing the nozzles. The nozzles extend transversely of the transport direction of the belt and are connected to a compressed air source. A baffle arrangement is associated with each nozzle and is located above the transport belt. A baffle arrangement has an upwardly extending separating wall and a generally horizontally extending perforated plate extending from the separating wall in the transport direction and inclined upwardly relative to the transport belt. Upper nozzles are located above the perforated plate for directing air downwardly through the plate against the fabric sheet supported on the transport belt. The lower nozzle can be pivoted about a vertical axis. The baffle arrangement and the upper nozzles can be tilted about a longitudinal axis spaced above the transport belt and extending in the transport direction.

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IPC 8 full level
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CPC (source: EP US)
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Cited by
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