

Title (en)

Method and device for teating fabrics in roped form

Title (de)

Verfahren und Vorrichtung zum Behandeln von strangförmiger Textilware

Title (fr)

Procédé et dispositif pour le traitement des tissus sous forme de boyau

Publication

**EP 1672111 A2 20060621 (DE)**

Application

**EP 05025396 A 20051122**

Priority

DE 102004061186 A 20041220

Abstract (en)

A method for the treatment of textile skeins (I) in a closed tank with at least two accumulators, in which (I) is moved forward by a stream of gas from transporter nozzles and is then passed through a nozzle assigned to each accumulator, into this or an adjacent accumulator or onto another path leading away from the accumulator. A method for the treatment of textile skeins (I) in a closed tank containing at least two radially adjacent accumulators for the uptake of (I) during at least part of the treatment, in which (a) (I) is moved in the feed direction by a stream of gas from transporter nozzles and (b) before entering each accumulator, (I) is passed through its own nozzle, from which it is transferred to the associated first accumulator or its adjacent second accumulator or (where there is at least one accumulator) onto a given path leading it away from this accumulator. An independent claim is also included for a device for the treatment of (I), comprising (a) a sealable treatment tank (1), (b) at least two axially adjacent textile accumulators (I-VI) in the tank, (b) means of transporting (I) comprising nozzles (38) with an inlet (37) and an outlet (44) for (I) and subjected to a stream of gaseous transport medium moving the material (I) in the feed direction, and (c) devices (45, 46) for enabling the treatment agent to act on (I) in the tank, in which each accumulator (I-VI) has its own transport nozzles which can be adjusted so that its outlet (44) leads to the first accumulator or from at least one accumulator to its adjacent second accumulator or into a take-up device (620).

Abstract (de)

Bei einem Verfahren zum Behandeln von strangförmiger Textilware in einem geschlossenen Behälter (1), der wenigstens zwei axial einander benachbarte Warenspeicher (I-VI) zur Aufnahme von Textilware während wenigstens eines Teiles der Behandlungsdauer enthält, wird der Textilware mittels eines über Transportdüsenmittel (38) auf den Warenstrang zur Einwirkung gebrachten gasförmigen Transportmediumstroms eine Antriebsbewegung in einer Vorschubrichtung erteilt. Dabei wird die Textilware vor dem Einlauf in jeden Warenspeicher (I-VI) durch diesen Warenspeicher (I-VI) zugeordnete eigene Transportdüsenmittel (38) durchgeführt. Beim Austritt aus diesen Transportdüsenmitteln (38) wird die Textilware wahlweise in den diesen jeweils zugeordneten ersten Warenspeicher oder in einem diesen ersten Warenspeicher benachbarten zweiten Warenspeicher eingeleitet oder bei zumindest einem Warenspeicher auf einem vorgegebenen Weg geleitet, der die Textilware von diesem Warenspeicher weg führt.

IPC 8 full level

**D06B 3/28** (2006.01)

CPC (source: EP KR US)

**D06B 3/24** (2013.01 - KR); **D06B 3/28** (2013.01 - EP US)

Citation (applicant)

- EP 0133897 A1 19850313 - HOECHST AG [DE]
- DE 19813593 C2 20020328 - THEN MASCHINEN UND APPBAU GMBH [DE]
- DE 4119152 C2 19931125 - KRANTZ H GMBH & CO [DE]

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DOCDB simple family (application)

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