

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 A3 20070704 (DE)**

Application

**EP 05025396 A 20051122**

Priority

DE 102004061186 A 20041220

Abstract (en)

[origin: EP1672111A2] 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).

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 (search report)

- [DA] DE 4119152 A1 19921224 - KRANTZ H GMBH & CO [DE]
- [DA] DE 19813593 A1 19991007 - THEN MASCH & APP [DE]

Cited by

EP1985738A1; EP1722023A3; US7886390B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1672111 A2 20060621**; **EP 1672111 A3 20070704**; CN 1800481 A 20060712; DE 102004061186 A1 20060713; DE 102004061186 B4 20070621; KR 20060070466 A 20060623; TW 200628655 A 20060816; TW I299374 B 20080801; US 2006150343 A1 20060713; US 7398574 B2 20080715

DOCDB simple family (application)

**EP 05025396 A 20051122**; CN 200510104724 A 20051219; DE 102004061186 A 20041220; KR 20050126001 A 20051220; TW 94144590 A 20051216; US 30350105 A 20051217