

Title (en)

METHOD AND APPARATUS FOR STEAMING ON FORMS HOSIERY ARTICLES AND THE LIKE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DÄMPFEN AUF FORMEN VON STRUMPFWAREN UND DERGLEICHEN

Title (fr)

PROCEDE ET APPAREIL DE VAPORISAGE SUR FORMES D'ARTICLES DE BONNETERIE ET ANALOGUE

Publication

EP 1303662 A1 20030423 (EN)

Application

EP 01931542 A 20010321

Priority

- EP 0103206 W 20010321
- IT PI20000021 A 20000321

Abstract (en)

[origin: WO0171082A1] The apparatus is formed by a carousel (1), rotatable about a central axis (2) with respect to a base frame (3), to which couples of forms (4) are connected radially having anatomical shape as the desired article to steam. The carousel moves through a loading station (5) of the stockings that are going to be steamed on the forms (4), a station (6) of fitting the stockings on the forms; a steaming station (7), having steam supplying means; an air drying station (8) and an unloading station (9) of the steamed articles. The carousel (1) is formed by a tubular body (10) having a cylindrical wall (11), pivotally connected to the base frame (3). The wall (11) has the first function to rotate as a solid structure of the carousel (1), and holds also radially the forms (4) cantilever-like without that they rest on any base provided below. A steaming chamber (20) is provided that has a U-shaped cross section, with an opening (21) directed radially towards the axis (2) and having seals (22) on it. The chamber (20) can move from an open position that allows the free rotation of the forms to a closed position surrounding the forms (4) and touching against the wall (11) that has the function of providing a closure wall and a seal.

IPC 1-7

D06C 5/00

IPC 8 full level

D06C 5/00 (2006.01)

CPC (source: EP)

D06C 5/005 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0171082 A1 20010927; AT E342391 T1 20061115; AU 5829101 A 20011003; DE 60123794 D1 20061123; EP 1303662 A1 20030423; EP 1303662 B1 20061011; EP 1303662 B8 20061220; IT 1316381 B1 20030410; IT PI20000021 A0 20000321; IT PI20000021 A1 20010921

DOCDB simple family (application)

EP 0103206 W 20010321; AT 01931542 T 20010321; AU 5829101 A 20010321; DE 60123794 T 20010321; EP 01931542 A 20010321; IT PI20000021 A 20000321