

Title (en)

DRUM DEVICE WITH PERMEABLE DRUM JACKET AND WIRE GAUZE MOUNTED THEREON UNDER PRETENSION

Title (de)

TROMMELVORRICHTUNG MIT DURCHLÄSSIGEM TROMMELMANTEL UND GESPANNT AUFGEZOGENEM SIEBGeweBE

Title (fr)

DISPOSITIF A TAMBOUR COMPORTANT UNE ENVELOPPE DE TAMBOUR PERMEABLE ET UNE GAZE METALLIQUE TENDUE

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Application

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Abstract (en)

[origin: US2004134089A1] It is known from the art to mount a wire gauze (10) onto a drum (1) with a permeable drum jacket (8) under pretension, for example, for allowing air to flow through a web of material placed on said drum, said wire gauze optionally being disposed even at a distance to the drum jacket surface. The air thus flows more evenly across the surface of the web of material and no visible marks on the web of material, caused by the contact of the web with the intermediate space between the holes of the drum, occur. The wire gauze has to be elastically fastened on the front faces of the drum to compensate also for thermal stresses. According to the invention, preferably U-shaped spring elements (11) extending radially to the axis of the drum are fastened on the front face of the drum and on a tensioning ring (13) for the gauze provided on the level of the drum outer diameter.

IPC 8 full level

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