

Title (en)

MACHINE FOR DRYING TISSUE PAPER PROVIDED WITH A COGENERATION SYSTEM

Title (de)

MIT WÄRME-KRAFT-KOPPLUNG AUSGERÜSTETE TROCKENMASCHINE FÜR TISSUEPAPIER

Title (fr)

MACHINE POUR SÉCHER DU PAPIER ESSUIE-TOUT ÉQUIPÉE D'UN SYSTÈME DE CO-GÉNÉRATION

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Application

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Priority

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Abstract (en)

[origin: WO2010046730A1] The machine (1) for drying tissue paper (2) comprises a drying hood (3) divided into two parts, a wet part (3a) and a dry part (3b), that blows hot air at high velocity to a Yankee rotatable cylinder (4), on which the tissue paper (2) to be dried is placed, and the hood (3) including an exit for extracting an exhaust air purge (7), and it is characterised in that the hood (3) is geometrically asymmetric, the wet part (3a) presenting a greater drying surface and operating at a temperature higher than that of the dry part (3b), in that the air purge (7) is recirculated from the wet part (3a) to the dry part (3b) before it exits from the hood (3), and in that the dry part (3b) of the hood (3) receives the gases (8) from the cogeneration system. It is obtained a greater 20 efficiency and permitting to be adapted to a cogeneration central.

IPC 8 full level

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