

Title (en)

Device for drying paper webs, in particular tissue paper webs

Title (de)

Vorrichtung zum Trocknen von Papierbahnen, insbesondere Tissuepapierbahnen

Title (fr)

Dispositif pour sécher des bandes de papier, en particulier des bandes de papier tissu

Publication

EP 1347096 A2 20030924 (DE)

Application

EP 03005020 A 20030306

Priority

AT 4112002 A 20020319

Abstract (en)

An assembly dries a continual web feed of tissue paper and has a drying cylinder (1) and hot air drying hood (2, 3). The components making up the air feed system such as the jet feed basket (9) and air feed passage (4) are especially de-coupled from the hood frame (10). The jet-feed basket is suspended from an overhead swivel-mount (13) within the housing and rests (14) upon a lower sliding frame (10). The lower support point (14) is adjustable. The housing (10) and jet feed basket are presented on opposite sides of and transverse to the paper web. During operation the interval between the hood and cylinder is maintained by a sensor linked to a drive unit. The interval between the hood and cylinder is essentially uniform at temperatures between 550degrees and 700degreesC.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zum Trocknen von Papierbahnen, insbesondere Tissuepapierbahnen, mit einem Trocken-zylinder 1 und einer Trockenhaube 2, 3 zur Aufblasung von Heißluft. Sie ist vornehmlich dadurch gekennzeichnet, dass die Zuluftteile der Trockenhaube 2, 3, wie Düsenkorb 9 oder Zuluftkanal 4, vom Gehäuse bzw. Haubengestell 10 entkoppelt sind. Dies ist besonders für hohe Betriebstemperaturen bis zu 700 °C von Vorteil. <IMAGE>

IPC 1-7

D21F 5/04

IPC 8 full level

D21F 5/04 (2006.01); **D21F 5/18** (2006.01)

CPC (source: EP US)

D21F 5/044 (2013.01 - EP US); **D21F 5/181** (2013.01 - EP US)

Citation (applicant)

EP 0905311 A2 19990331 - ASEA BROWN BOVERI INC [CA]

Cited by

US11118310B2; WO2014029719A1; WO2018149722A1

Designated contracting state (EPC)

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