

Title (en)

Apparatus for the heat treatment of a web laterally guided in the width direction

Title (de)

Vorrichtung zur Wärmebehandlung einer breitgeführten Warenbahn

Title (fr)

Dispositif pour le traitement thermique d'une bande de matériau guidée latéralement dans le sens de la largeur

Publication

EP 0990866 B1 20040211 (DE)

Application

EP 99116982 A 19990827

Priority

DE 19844691 A 19980929

Abstract (en)

[origin: EP0990866A2] A hot gas drying system for continuous material feeds, e.g. for textile processing, has the horizontal material feed (WB) inside a control jet (6) to spread the hot gasses even over the material. The gasses are supplied via a blower (5) whose inlet duct (7a) extends into a filter cage (11) around the burner. The extension of the inlet duct is profiled (8) to generate a venturi effect and is spaced away from the filter cage, with the end of the gas burner inside the duct. This creates a ring space for efficient mixing with the recirculated gasses.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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