

Title (en)

HEATING SYSTEM FOR HEATING A GASEOUS TREATMENT MEDIUM FOR A DRIER

Title (de)

HEIZSYSTEM ZUM ERWÄRMEN EINES GASFÖRMIGEN BEHANDLUNGSMEDIUMS FÜR EINEN TROCKNER

Title (fr)

SYSTÈME DE CHAUFFAGE POUR RÉCHAUFFER UN AGENT DE TRAITEMENT GAZEUX POUR UN SÉCHOIR

Publication

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Application

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Abstract (en)

[origin: WO2013041306A1] The invention relates to a heating system (38) for warming a gaseous treatment medium (30, 40) for a device for treating a preferably strip-shaped article (12) by means of a gaseous treatment medium (40), comprising a heating device, a mixing chamber (54) for mixing at least one first, gaseous heating medium (49) heated by means of the gas burner, and the gaseous treatment medium (30) already used for treatment and recycled by the device. Said gaseous heating medium (49) can be introduced into the mixing chamber (54) such that when the gaseous medium (49) is introduced into the mixing chamber (54), vortexes are produced in the mixing chamber (54), which generate an intensive thorough-mixing of the gaseous heating medium (49) with the recycled gaseous treatment medium (30).

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US 5033207 A 19910723 - STURM WOLFRAM [DE], et al

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