

Title (en)

CONTINUOUS DRYING AND STEAMING DEVICE AND METHOD

Title (de)

TROCKNUNGS- UND BEDAMPFUNGSVORRICHTUNG SOWIE VERFAHREN

Title (fr)

DISPOSITIF DE VAPORISAGE ET DE SÉCHAGE CONTINU ET METHODE

Publication

EP 2474656 A1 20120711 (EN)

Application

EP 10856256 A 20101122

Priority

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Abstract (en)

The present invention relates to a drying and steaming device through which drying and steaming are continuously performed for fabric on which dyes are printed, the device including: a burner body having an internal space formed therein; a gas supply pipe adapted to supply gas to the interior of the burner body; a plurality of injection nozzles adapted to inject the gas supplied from the gas supply pipe into the interior of the burner body; a catalyst layer spaced apart from the fabric by a predetermined distance so as to perform the drying and steaming of the fabric on which the dyes are printed, the catalyst layer having a low temperature combustion catalyst serving to burn the gas injected through the injection nozzles in a non-flame state and a support serving to support the low temperature combustion catalyst; an electrical heater adapted to heat the catalyst layer; and a thermocouple adapted to measure the temperature of the catalyst layer.

IPC 8 full level

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Cited by

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