

Title (en)

Hot wind spray nozzle of tenter and hot wind spray apparatus of tenter using the same

Title (de)

Heißluftsprühdüse für Spannrahmen und Heißluftsprühvorrichtung eines Spannrahmens, die diese verwendet

Title (fr)

Buse de pulvérisation de vent chaud de rame et appareil de pulvérisation de vent chaud de rame utilisant ce dispositif

Publication

EP 2706316 A2 20140312 (EN)

Application

EP 13155484 A 20130215

Priority

KR 20120098138 A 20120905

Abstract (en)

A hot wind spray nozzle (100) of a tenter and a hot wind spray apparatus of a tenter using the same. A hot wind flow control section is formed on the upstream edge of each nozzle-hole (150) formed in a nozzle plate (110). The angle (direction) at which hot wind that is sprayed onto the upper and lower surface of a fabric (F) through nozzle-holes (150) in a nozzle plate (110) of the hot wind spray nozzle (100) becomes perpendicular to the upper and lower surfaces of the fabric (F), so that a heat setting process, a drying process after dyeing, or a shrinking process using heat treatment can be effectively and sufficiently carried out. A hot wind control means provided in a hot wind supplying duct minimizes a vortex from occurring in the process of blowing the hot wind to the hot wind spray nozzle (100) so that the hot wind is perpendicularly sprayed onto the fabric (F).

IPC 8 full level

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Citation (applicant)

- KR 100475663 B1 20050314 - EHWHA MACHINERY MFG CO LTD [KR]
- KR 940006246 B1 19940713 - IL SUNG MACHINERY IND CO LTD [KR]

Cited by

CN111020877A; CN111118771A; US12031774B2

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