

Title (en)

Duct for textile machine and textile machine equipped with the same

Title (de)

Kanal für Textilmaschine und mit diesem Kanal ausgestattete Textilmaschine

Title (fr)

Conduit pour machine textile et machine textile équipée de celui-ci

Publication

EP 2166134 B1 20140423 (EN)

Application

EP 09010690 A 20090819

Priority

JP 2008241862 A 20080919

Abstract (en)

[origin: EP2166134A1] A blower duct is formed such that a cross-sectional shape cut at a plane perpendicular to a suctioning direction by a blower box (negative pressure source) is a polygon. The blower duct (20) includes a first wall surface formed to a planar shape so as to become one surface that configures the cross-sectional shape. The first wall surface is formed with a first air inflow hole (31) for supplying suction force to each winding unit of an automatic winder (10). An opposing surface wall facing the first air inflow hole (31) is formed inclined with respect to the first wall surface. A cyclone flow generates in the blower duct (20) by the first air inflow hole (31) and the suction force of the blower box.

IPC 8 full level

D01H 11/00 (2006.01); **D01H 5/66** (2006.01)

CPC (source: EP)

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