

Title (en)

FLUID-DRIVEN APPARATUS FOR FEEDING A FABRIC IN A PROCESS TUMBLER

Title (de)

FLUIDBETRIEBENE VORRICHTUNG ZUM ZUFÜHREN EINES STOFFES IN EINEN PROZESSTUMBLER

Title (fr)

APPAREIL ENTRAÎNÉ PAR FLUIDE POUR FOURNIR UN TISSU DANS UN TAMBOUR DE TRAITEMENT

Publication

**EP 3303677 A1 20180411 (EN)**

Application

**EP 16721225 A 20160322**

Priority

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- IB 2016051621 W 20160322

Abstract (en)

[origin: WO2016151492A1] A fluid-driven apparatus for feeding a fabric (7), in open-width form and continuously, the apparatus being associated in combination with a tumbler processing the fabric (7), comprises a tubular duct (2), with substantially rectangular transversal cross section, having boundary walls which delimit an internal cavity (12) inside the duct (2); a manifold (14) for supplying flows (3,4) of gaseous fluid into the duct (2) through at least one opening (13) formed in the top or bottom wall (11a, 11b) of the duct (2); ports (9,10) for the passage of the fluid in a direction longitudinal to the duct (2), into and out of the cavity (12). The manifold (14) is abutted against the opening (13), at a position such as to divide the duct (2) into two distinct stretches (15a, 15b) delimited by the manifold (14) and by one and the other of the ports (9,10), and is equipped with diverting means (8) for selectively directing the fluid (3,4) towards one or the other of the stretches (15a, 15b) of the duct (2). At least one portion of at least one of the stretches (15a; 15b) of the duct (2) is divergent in shape, with a transversal cross section which increases in size from the manifold (14) to the respective end port (9; 10).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2016151492A1

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