

Title (en)

PAPER SHEET GUIDING CYLINDER FOR A PRINTING MACHINE

Title (de)

BOGENFÜHRUNGSZYLINDER EINER DRUCKMASCHINE

Title (fr)

CYLINDRE DE GUIDAGE DE FEUILLES DE PAPIER POUR MACHINE A IMPRIMER

Publication

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Application

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Priority

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Abstract (en)

[origin: US5599013A] A printing machine has side frames and a printing machine drive. A paper sheet guiding cylinder is mounted in the side frames of the printing machine, is drivingly connected to the printing machine drive and has an axis. The paper sheet guiding cylinder includes a cylindrical casing and side walls with through holes formed therein. The paper sheet guiding cylinder has a rotatably mounted radial ventilator being coaxial with the axis of the paper sheet guiding cylinder for supplying blowing air into the paper sheet guiding cylinder and for deflecting the blowing air inside the paper sheet guiding cylinder towards the cylindrical casing. The radial ventilator has end surfaces communicating with the ambient air through the holes and ventilator blades being disposed concentrically about the axis of the paper sheet guiding cylinder and extending along the paper sheet guiding cylinder. A drive for the paper sheet guiding cylinder has adjustable speed and is independent of the paper sheet guiding cylinder.

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