

Title (en)

Cooling system for cylinders of printing machines

Title (de)

Temperierungssystem für Druckmaschinenzylinder

Title (fr)

Système de refroidissement pour cylindres de machines d'impression

Publication

**EP 0638418 B1 19961204 (DE)**

Application

**EP 94107097 A 19940506**

Priority

DE 4326835 A 19930810

Abstract (en)

[origin: US5452657A] A temperature control system for printing press cylinders. It contains at least one compressed-air line (18) having at least one blast-air opening (20) for blowing cold air against a cylinder (6) which is to be cooled. At least one recirculation circuit (30, 32, 34, 36, 28) which is separate from the cold air of the compressed-air line (28) and by which air which has been blown by the blast-air opening (20) onto the cylinder is drawn off by means of a blower (28) contained in the recirculation circuit and is blown parallel to the cold air again onto the cylinder (6). In this way, the temperature of the cold air (22) can be active, without prior change of temperature, on the cylinder (6). The cold air deflected by the cylinder is returned to the cylinder (6) for additional cooling.

IPC 1-7

**B41F 13/22**; **B41F 31/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN111284119A; EP2055477A1; US5881643A; US6571711B1; WO0132423A1

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DOCDB simple family (publication)

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