

Title (en)

Temperature regulating device for a printing form on a form cylinder for waterless offset printing.

Title (de)

Thermoregler für eine um einen Druckformzylinder gelegte Druckform für wasserlosen Offset-Druck.

Title (fr)

Régulateur de température pour une forme d'impression disposée sur un cylindre de forme pour l'impression en offset sans eau.

Publication

EP 0480230 B1 19941109 (DE)

Application

EP 91116189 A 19910924

Priority

DE 4031859 A 19901008

Abstract (en)

[origin: JPH04234652A] PURPOSE: To cool a printing form laid about a printing form cylinder for non- aqueous offset printing correctly by improving a thermal regulator for the printing form cylinder to blow tempered air generated directly within the range of the printing form cylinder. CONSTITUTION: At least one fan 4 is disposed in a blow box 3 and, in order to regulate blow air generated by the fan 4 thermally, a cooler 5 is disposed in the blow box 3 in front of the fan 4 when viewed in the flowing direction of the blow air. The cooler 5 is provided with a cooling installation 6 for supplying a coolant 7 from the outside of the blow box 3, and a regulator 8 for regulating the cooling of the cooler 5 in dependence of the temperature.

IPC 1-7

B41F 13/22

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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Cited by

DE10334657A1; DE4307732A1; US5588360A; DE10152593A1; US5881643A; DE4335097A1; DE4335097C2; US5595115A; DE19610900C5; US7107902B1; WO0105593A1; EP1306212A1; US6983696B2

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