

Title (en)

PRINTING MACHINES HAVING ONE OR MORE PRINTING UNITS DESIGNED AS PRINTING TOWERS FOR DOUBLE-SIDED MULTICOLOR PRINTING AND DEVICES FOR CONTROLLING THE TEMPERATURE OF COMPONENTS OF ONE OR MORE OF THE PRINTING UNITS

Title (de)

DRUCKMASCHINEN MIT EINER ODER MEHREREN ALS DRUCKTÜRME AUSGEBILDETEN DRUCKEINHEITEN FÜR DEN BEIDSEITIGEN MEHRFARBIGEN DRUCK UND VORRICHTUNGEN ZUR TEMPERIERUNG VON BAUTEILEN EINER ODER MEHRERER DER DRUCKEINHEITEN

Title (fr)

MACHINES D'IMPRESSION AVEC UNE OU PLUSIEURS UNITÉS D'IMPRESSION PRENANT LA FORME DE TOURS D'IMPRESSION, POUR L'IMPRESSION EN COULEURS RECTO-VERSO, AINSI QUE DISPOSITIFS DESTINÉS À TEMPÉRER DES PIÈCES D'UNE OU PLUSIEURS DES UNITÉS D'IMPRESSION

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Abstract (en)

[origin: WO2010105711A2] The invention relates to a printing machine having one or more printing units (01) designed as printing towers for double-sided multicolor printing, and to a device for controlling the temperature of components of one or more of the printing units (01), wherein the printing unit (01) comprises a plurality of printing devices (04) disposed vertically one over the other, each having at least one component (07; 12) to be temperature-controlled, wherein the component (07; 12) to be temperature-controlled has a thermal interaction with fluid of a secondary circuit (14; 16) via an inlet (17), wherein the secondary circuit (14; 16) can have fluid of a primary circuit (19; 29, 35) metered via a feeding station (21) for controlling the temperature thereof, wherein components (07; 12) to be temperature-controlled of at least two different printing devices (04) have thermal interactions with two secondary circuits (14; 16) different from each other for controlling the temperatures thereof, wherein a selectively actuatable electrical heating appliance (26) is provided in the secondary circuit (14; 16) in addition to the feeding station (21), and that at least valves (24) and/or pumps (22) and/or heating appliances (26) associated with the two secondary circuits (14; 16) different from each other on a front machine side are disposed at different heights from each other, and/or can be fed with fluid from the primary circuit (19; 29, 35) by feeding stations (21) disposed at different heights.

IPC 8 full level

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