

Title (en)
PRINT CONTROL STRIPS WITH SPLIT MARKS

Title (de)
DRUCKKONTROLLSTREIFEN MIT GESPLITTETEN MARKEN

Title (fr)
BANDES DE CONTROLE DE PRESSION DOTEES DE MARQUES SEPREES

Publication
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Application
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Abstract (en)
[origin: CN105599443A] The present invention relates to an apparatus for adjusting and controlling the position of a printing material in the circumferential direction in a printing materials processing machine. At least three sensors are comprised in the apparatus, one of which detects the lateral position and other two of which detect a circumferential register. The invention is characterized in that the two sensors of the circumferential register are laterally offset in many times and a fraction of a printing ink measurement field, the two sensors of the circumferential register detect an edge of a printing ink measuring strip of the printing ink measurement field, or detect the edge of the printing ink measuring strip and a mark on the printing material; the lateral sensor can analyze the following sensor; and the analyze range of the sensor is arranged in the printing ink measurement field or in the mark.

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Opponent : manroland Goss web systems GmbH,
• DE 4335350 A1 19950420 - HEIDELBERGER DRUCKMASCH AG [DE]
• EP 2008818 A2 20081231 - HEIDELBERGER DRUCKMASCH AG [DE]
• US 4546700 A 19851015 - KISHNER STANLEY J [US], et al
• DE 4218764 A1 19931209 - HEIDELBERGER DRUCKMASCH AG [DE]
• DE 19949751 A1 20010419 - HEIDELBERGER DRUCKMASCH AG [DE]
• DE 102008025419 A1 20091203 - MANROLAND AG [DE]
• DE 102004003613 A1 20050818 - ROLAND MAN DRUCKMASCH [DE]

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