

Title (en)

METHOD OF AUTOMATICALLY ADJUSTING THE COLOURS PRINTED BY FLEXOGRAPHIC PRINTING MACHINES IN A FOUR-COLOUR PRINTING PROCESS

Publication

EP 0089016 B1 19850605 (DE)

Application

EP 83102351 A 19830310

Priority

DE 3209483 A 19820316

Abstract (en)

[origin: CA1199521A] A method of automatically setting the colours printed with yellow, magenta, cyan and black printing inks for four-colour printing by flexographic printing machines having printing units provided with plate and backing cylinders is characterised in that, to determine the desired colour value in a colour triangle which serves for colour comparison and the corners of which are fixed by the colours yellow, magenta and cyan, the colour location is determined for a test grid area which is printed out by all the printing units and in which each of the printing inks participates with a colour proportion between about 40% and 60%, that to determine the existing value of the colour by densitometric measurement the proportions of printing inks actually present are measured in the test area and the colour location of the existing value is determined in the colour triangle, that from a comparison of the colour locations the departures of the existing values of the colour proportions from the desired values are determined for each colour, and that the axial spacing of the plate cylinder for the respective colour from the backing cylinder is changed according to said departures until the existing and desired values in the triangle coincide.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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