

Title (en)

PROCESS FOR MECHANICALLY ASSESSING THE PRINT QUALITY OF A PRINTED PRODUCT AND DEVICE FOR PERFORMING THE SAME

Publication

EP 0012723 B1 19820915 (DE)

Application

EP 79810177 A 19791212

Priority

CH 1283278 A 19781218

Abstract (en)

[origin: US4303832A] Specimens, the quality of whose print is to be examined, are scanned photoelectrically point-by-point and compared point-by-point with one or more originals. The resulting reflectance differences are processed in different correction stages and then subjected to a point-by-point threshold decision, an individual threshold value being used for each image point. The threshold values are produced by analysis of specimens which have acceptable deviations, the maximum positive and negative reflectance differences due to their deviations being used directly as the threshold values. The analysis is effected by reference to electronically simulated specimens, an original or originals and a specimen being electronically displaced relatively to one another and reflectances being electronically varied in order to simulate register deviations and shade or tone deviations.

IPC 1-7

G07D 7/00

IPC 8 full level

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CPC (source: EP US)

B41F 33/0036 (2013.01 - EP US); **G07D 7/121** (2013.01 - EP US)

Cited by

EP0075270A1; EP0067898A1; EP0101115A1; EP0071421A3; US4487306A; EP0444427A3; US5258925A

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