

Title (en)
Improved printing ink proofers.

Title (de)
Druckfarbenprüfgerät.

Title (fr)
Appareil d'essai d'encre d'impression.

Publication
EP 0109725 A2 19840530 (EN)

Application
EP 83303166 A 19830601

Priority
GB 8232894 A 19821118

Abstract (en)
A method and apparatus for preparing a proof or sample of an ink (as herein defined) as a preliminary to its being employed in a printing or coating process to enable its colour and coating capability to be determined. A quantity of the ink is applied to a first roller the surface of which is engraved. The ink is evenly distributed over the roller using a doctor-blade set as to wipe the roller surface clean and leave the ink only in the engraving. A second roller of resiliently deformable material is moved into contact with the inked roller so causing ink to be transferred to the surface of the second roller until equilibrium is reached and a sheet of the substrate to be inked or coated is introduced into the nip between the two rollers. Means is provided for cleaning the rollers after use. The second roller may be formed from two or more separate rollers spaced apart so as to define separate inking surfaces or may be in the form of a single roller having one or more annular grooves to define the different inking surfaces required.

IPC 1-7
B41F 9/04

IPC 8 full level
B41F 9/04 (2006.01)

CPC (source: EP)
B41F 9/04 (2013.01)

Cited by
AU744789B2; EP0370398A3; CN100393511C; CN100393510C; WO9957540A1

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0109725 A2 19840530; EP 0109725 A3 19850508; EP 0109725 B1 19871028; AT E30400 T1 19871115; DE 3374187 D1 19871203; GB 2131348 A 19840620; GB 2131348 B 19851009; GB 8311828 D0 19830602

DOCDB simple family (application)
EP 83303166 A 19830601; AT 83303166 T 19830601; DE 3374187 T 19830601; GB 8311828 A 19830429