

Title (en)
Integrated quality regulation

Title (de)
Integrierte Qualitätsregelung

Title (fr)
Contrôle de qualité intégré

Publication
EP 1842673 A3 20111012 (DE)

Application
EP 07005770 A 20070321

Priority
• DE 102006015863 A 20060403
• DE 102007008392 A 20070221

Abstract (en)
[origin: EP1842673A2] The method involves measuring quality measurement data of a printed sheet by an optical detection unit and measurements and force actions of machine units by detection units. The data of the measurement are provided to evaluation and control devices, and the settings of the operating conditions or movement sequences of a plate cylinder and/or a rubber printing blanket cylinder is changed by the control units based on the detection of the quality measurement data and the measurements and force actions of the machine units. An independent claim is also included for a device for arranging and controlling a printing job in a printing machine.

IPC 8 full level
B41F 33/00 (2006.01); **B41F 13/14** (2006.01); **B41F 13/24** (2006.01); **B41F 33/02** (2006.01); **B41F 33/10** (2006.01)

CPC (source: EP)
B41F 13/14 (2013.01); **B41F 13/24** (2013.01); **B41F 33/0036** (2013.01); **B41F 33/0054** (2013.01); **B41F 33/0072** (2013.01); **B41F 33/02** (2013.01); **B41F 33/10** (2013.01); **B41P 2233/10** (2013.01)

Citation (search report)
• [XD] DE 102005012913 A1 20051013 - KOENIG & BAUER AG [DE]
• [XI] DE 4232163 A1 19940331 - KOENIG & BAUER AG [DE]
• [I] EP 1525982 A1 20050427 - GD SPA [IT]
• [X] EP 0763426 A2 19970319 - HEIDELBERGER DRUCKMASCH AG [DE]
• [X] DE 102004008090 A1 20050908 - ROLAND MAN DRUCKMASCH [DE]
• [X] DE 19949951 A1 20010510 - LTG MAILAENDER GMBH [DE]

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CN114379219A; US11712885B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1842673 A2 20071010; EP 1842673 A3 20111012; EP 1842673 B1 20200916; DE 102007008392 A1 20071011;
DE 102007008392 B4 20140717; JP 2007276473 A 20071025

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EP 07005770 A 20070321; DE 102007008392 A 20070221; JP 2007096678 A 20070402