

Title (en)
MN-DETECTION IN A PRINTED IMAGE

Title (de)
MN-DETEKTION IM DRUCKBILD

Title (fr)
DÉTECTION DE MOYENNE EN NOMBRE MN DANS L'IMAGE D'IMPRESSION

Publication
EP 3680106 B1 20230823 (DE)

Application
EP 19151348 A 20190111

Priority
EP 19151348 A 20190111

Abstract (en)
[origin: US2020223230A1] A method for determining print defects in a printing operation carried out on an inkjet printing machine for processing a print job includes using a camera system to record and digitize printed products generated during the printing operation, feeding the camera image having been thus generated to a detection algorithm on the computer, alerting a machine control unit when print defects are found, and ejecting the printed product through a waste ejector if necessary. The detection algorithm separates color separations of the camera images, detects the print defects in the color separations, links images of the individual color separations to form a candidate image, filters the candidate image, enters the remaining detected print defects into a list, and forwards the list to the machine control unit of the printing machine.

IPC 8 full level
B41J 2/21 (2006.01)

CPC (source: CN EP US)
B41J 2/2139 (2013.01 - EP US); **B41J 2/2142** (2013.01 - EP US); **B41J 2/2146** (2013.01 - EP US); **B41J 29/393** (2013.01 - CN US); **B41J 2029/3935** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3680106 A1 20200715; **EP 3680106 B1 20230823**; CN 111434494 A 20200721; CN 111434494 B 20211217; JP 2020111049 A 20200727; JP 7412185 B2 20240112; US 11752775 B2 20230912; US 2020223230 A1 20200716

DOCDB simple family (application)
EP 19151348 A 20190111; CN 201911264871 A 20191211; JP 2020002847 A 20200110; US 202016740687 A 20200113