

Title (en)
DUPLEX PRINTING METHOD

Title (de)
VERFAHREN ZUM DOPPELSEITIGEN DRUCKEN

Title (fr)
PROCÉDÉ D'IMPRESSION EN DUPLEX

Publication
EP 3466703 A1 20190410 (EN)

Application
EP 18197575 A 20180928

Priority
EP 17194577 A 20171003

Abstract (en)
A method of printing on a printing system having a print station (16) and a duplex path (50) that is capable of accommodating a plurality of media sheets (60) at a time, the method comprising a step of checking the sheets for possible damage before they are fed to the print station (16), characterized by the steps of: (a) determining, for each duplex sheet to be printed, a likelihood P that the sheet will be damaged in a process of printing an image on a first side of the sheet, so that the sheet would have to be discarded; (b) at or before the time when the first image is printed, deciding, on the basis of the determined likelihood P, whether or not to print at least one redundant copy of the sheet; and (c) when at least one redundant copy has been printed, and before a second image is printed on a second side of one of the sheets, checking whether the sheet and its redundant copies comprise at least one non-damaged sheet, and, if that is the case, selecting that sheet for further processing and discarding all other copies.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
• WO 2016177676 A1 20161110 - OCE TECH BV [NL]
• US 5905520 A 19990518 - FUJII DAISUKE [JP], et al
• US 2016103634 A1 20160414 - VAN ACQUOIJ CATHARINUS [NL]

Citation (search report)
• [AD] WO 2016177676 A1 20161110 - OCE TECH BV [NL]
• [A] EP 3007133 A2 20160413 - OCE TECH BV [NL]
• [A] EP 3007421 A1 20160413 - OCE TECH BV [NL]

Cited by
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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

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