

Title (en)

SHEET-FED PRINTING MACHINE COMPRISING A SIMULTANEOUS PRINTING UNIT FOR VALUE DOCUMENT PRINTING

Title (de)

BOGENDRUCKMASCHINE MIT SIMULTANDRUCKEINHEIT FÜR WERTPAPIERDRUCK

Title (fr)

PRESSE À FEUILLE ÉQUIPÉE D'UNE UNITÉ D'IMPRESSION SIMULTANÉE POUR L'IMPRESSION DE PAPIER FIDUCIAIRE

Publication

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Application

**EP 19758390 A 20190822**

Priority

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Abstract (en)

[origin: WO2020052932A1] The invention relates to a sheet-fed simultaneous printing machine (200) which has two directly interacting collector cylinders (201; 202) with respective axes of rotation (216; 217), wherein an axial plane (E1) contains these axes of rotation (216; 217) and wherein a reference plane (E2) contains an axis of rotation (216; 217) of this type and has a horizontal surface normal, and wherein the intersection angle between the axial plane (E1) and the reference plane (E2) is max 0.5°, and wherein the sheet-fed simultaneous printing unit (200) has exactly four plate cylinders (203; 204; 206; 207), of which two are arranged such that they directly interact with the first and two are arranged such that they directly interact with the second collector cylinder (202); and wherein an inking unit (227) with a respective ink supply (231) is arranged in each plate cylinder (203; 204; 206; 207) and a supply sectional plane (S3) is determined for each ink supply (231), which intersects this ink supply (231) and also contains the axis of rotation (222; 223; 224; 226) of the corresponding plate cylinder (203; 204; 206; 207), and wherein an intersection angle between the reference plane (E2) and a supply sectional plane (S3) of the respective ink supply (231) is max. 35°, as well as a sheet-fed machine (01) comprising at least one sheet-fed printing unit of this type, as well as a sheet-fed printing unit (03; 200; 500; 600; 700) comprising two directly interacting impression cylinders (201; 202; 501; 502; 601; 602; 701; 702), wherein the intersection angle between the axial plane (E1) on one side and the reference plane (E2) on the other side is max. 45°.

IPC 8 full level

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