

Title (en)
Combined rotary sheet printing press for papers of value, particularly bank notes.

Title (de)
Kombinierte Bogenrotationsdruckmaschine für Wertscheine, insbesondere Banknoten.

Title (fr)
Machine d'impression rotative combinée pour papiers de valeur, en particulier billets de banque.

Publication
EP 0351366 B1 19931215 (DE)

Application
EP 89810502 A 19890703

Priority
CH 266288 A 19880713

Abstract (en)
[origin: JPH0272952A] PURPOSE: To multi-color offset print or multi-color group print on one surface of a sheet by forming an outer peripheral area of a second cylinder for winding the sheet to a half or less of a circumference of the cylinder, and forming a carry-over drum, a feed drum and a plate cylinder in the same size. CONSTITUTION: An outer peripheral area of a rubber cylinder 3 for winding a sheet between a feed cylinder 2 and a carry-over drum 18 is extended over an angle of about 150 deg. of a half or less of a circumference of the cylinder 3. The drum 18 has the same diameter as those of the cylinder 2, plate cylinders 7, 10 and 12, 15, and the plate cylinders conform to a size of one sheet in a circumferential length. The cylinders 12, 15 in contact with the cylinder 3 carry an offset printing plate inked with different colors by inking units 13, 16. The plates 7, 10 in contact with all first rubber cylinders 15 and the plate 10 carries a group printing plate. The cylinder 7 carries a color coding for inking by an inking unit 8. Two rubber cylinders 3, 5 separate from one another. The cylinder 10 mutually operate with an image transfer cylinder 34 pressed to a second rubber cylinder 3. The sheet passed between the cylinder 3 and the cylinder 34 is multi-color offset printed on one side surface, and color group printed on the other surface simultaneously.

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B41F 11/02

IPC 8 full level
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CPC (source: EP KR US)
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Cited by
WO2020052933A1; WO2020052934A1; WO2020052935A1; WO2020052932A1; DE102018122147A1; DE102018122148A1; EP1958769A1; DE102018122158A1; DE102018122156A1; DE102018122150A1; DE102018122160A1; EP2583828A1; CN105383153A; EP2990202A3; DE102018122151A1; DE102018122149A1; CN112996665A; DE10025996C1; EP1486328A3; EP2845729A3; DE102018122153A1; DE102018122146A1; DE102018122161A1; DE102018122159A1; JP2021525667A; EP2756952A4; DE102018122157A1; CN112930265A; EP1995062A1; CN113232402A; DE102020106154A1; US8499690B2; US6779445B2; US9533486B2; WO2008099330A3; WO2015032515A1; US11214054B2; US8800447B2; US9931832B2; WO2015118447A3; EP2119527A1; EP2743025A2; US9796202B2; US11207878B2; US11312125B2; US8794141B2; US9278514B2; US9662873B2; US9844931B2; US10052862B2; US11110697B2

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