

Title (en)

ROTARY PRINTING MACHINE FOR SHEETS HAVING THE PRINTING UNITS IN LINE

Publication

**EP 0166128 B1 19890816 (DE)**

Application

**EP 85105434 A 19850503**

Priority

DE 3419762 A 19840526

Abstract (en)

[origin: US4856426A] Sheet-fed rotary printing machine having printing units arranged in tandem for processing both paper as well as cardboard with single-side multicolor or first form and perfector printing and having at least one sheet-turning device, each of the printing units having four cylinders consisting, in addition to a plate and a blanket cylinder of given diameter, of an impression cylinder and a transfer cylinder each having double the diameter of the respective plate and blanket cylinders, includes a base frame located between two of the printing units and carrying only two cylinders consisting of a transfer cylinder and a storage cylinder, each having a diameter double that of the respective plate and blanket cylinders, the one of the two printing units located downstream of the base frame in travel direction of a sheet through the printing machine having a transfer cylinder in the form of a sheet-turning cylinder with respective rows of tongs-grippers disposed 180 DEG from one another around the circumference thereof, the base frame and the one of the two printing units together constituting a sheet-turning device, the impression cylinder of the one of the two printing units being in cooperative engagement with the turning cylinder and having hook grippers thereon for taking over a sheet from the tongs grippers of the turning cylinder, and means disposed on the impression and turning cylinder as well as the transfer and storage cylinders for transporting the sheet smudge-free with the printed surface thereof facing radially inwardly on the cylinders.

IPC 1-7

**B41F 21/10**

IPC 8 full level

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