

Title (en)

Method of mounting printing cylinders utilizing flexible metal sleeves and printing apparatus using such a printing cylinder.

Title (de)

Verfahren zum Aufbau von Druckzylindern mit flexiblem, metallischem Zylindermantel und Kopiergerät mit einem derartigen Druckzylinder.

Title (fr)

Procédé pour le montage de cylindres d'impression utilisant des caisses métalliques flexibles et appareil de reproduction utilisant un tel cylindre d'impression.

Publication

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Application

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Priority

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Abstract (en)

Printing apparatus of the type utilizing flexible, readily collapsible, imperforate thin metal sleeves wherein the sleeves are mounted in a device which maintains their cylindrical configuration rigidified by introduction of fluid under pressure interior of the sleeve during use. A method of mounting the sleeve (10) and several structures for supporting the sleeves are described. These include the provision of means in the printing press cooperating with the sleeves for maintaining its interior pressure and for stopping the press if the pressure should drop below a predetermined value. The sleeves may carry an exterior coating of flexible, microcrystalline, wholly inorganic photo-conductive material such as sputtered ultra-pure cadmium sulfide.

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Citation (search report)

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