

Title (en)  
GRAVURE PRINTING-FORM SLEEVE AND PRODUCTION THEREOF

Title (de)  
TIEFDRUCKFORM-SLEEVE UND SEINE HERSTELLUNG

Title (fr)  
MANCHON POUR FORME EN CREUX ET FABRICATION DUDIT MANCHON

Publication  
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Application  
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Abstract (en)  
[origin: US2009044713A1] To develop a novel gravure printing form, which is simple to produce and is highly suitable with respect to a variation of formats, the invention discloses the use of a steel carrier sleeve in the form of a master sleeve. The initial form of said sleeve is a rectangular plate with a wall thickness of between 0.1 mm and 0.4 mm, which is given the desired hollow cylindrical form by bending, the opposing edges of the plate being permanently joined together, in particular by welding. A copper gravure layer is applied to the outer surface of the plate, a basic grid being etched into the copper gravure layer by means of a laser gravure process. The basic grid is then uniformly filled with a liquefiable substance to form the gravure printing form and the filler material is removed from the depressions of the basic grid to produce the required image.

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