

Title (en)  
LAMINATED PRINTING CYLINDER

Publication  
**EP 0054165 A3 19830316 (DE)**

Application  
**EP 81109192 A 19811029**

Priority  
DE 3046757 A 19801212

Abstract (en)  
[origin: US4391879A] A roto-gravure printing base cylinder is made by providing a cylindrical body (1), for example of steel, and applying thereover a cover layer (2) by thermal spraying, for example plasma-spraying, or arc-spraying. The cover layer is made of a material which is inert with respect to electrolytes used in applying a further copper layer over the cover layer to form a finished roto-gravure cylinder for optical engraving, for example an electrochemical valve metal, preferably tantalum, niobium or, most desirably, titanium oxide, forming a matrix in which, before application of the material as a layer on the steel cylinder, electrochemically active materials are applied made of a metal, preferably of the platinum group or other noble metal, and uniformly distributed over the surface, settled on the matrix material.

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**B41N 1/06**; **B41N 1/20**

IPC 8 full level  
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CPC (source: EP US)  
**B41N 1/006** (2013.01 - EP US); **C23C 4/06** (2013.01 - EP US); **Y10T 428/12049** (2015.01 - EP US); **Y10T 428/12063** (2015.01 - EP US)

Citation (search report)  
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