

Title (en)  
Gravure cylinder

Title (de)  
Tiefdruckzylinder

Title (fr)  
Cylindre d'héliogravure

Publication  
**EP 1543962 A1 20050622 (DE)**

Application  
**EP 03029386 A 20031219**

Priority  
EP 03029386 A 20031219

Abstract (en)  
A printing form carrier (12) consists of a self-supporting runner supported on washers (14) and made from a carbon fiber compound material. The washers are designed to be fixed on an intaglio engraving printing machine's carrier rod with mechanical or hydraulic clamping devices so that there is a radial gap between the carrier rod and the self-supporting runner.

Abstract (de)  
Tiefdruckzylinder mit einem Formträger (12), auf dessen Umfangsfläche eine metallische Gravurschicht (24) angebracht ist, dadurch gekennzeichnet, daß der Formträger eine auf Scheiben (14) abgestützte selbsttragende Hülse (12) aus Kohlefaser-Verbundmaterial ist. <IMAGE>

IPC 1-7  
**B41F 13/11**; **B41N 1/06**; **B41N 1/22**

IPC 8 full level  
**B41F 13/11** (2006.01); **B41N 1/06** (2006.01); **B41N 1/22** (2006.01)

CPC (source: EP US)  
**B41F 13/11** (2013.01 - EP US); **B41N 1/06** (2013.01 - EP US); **B41N 1/22** (2013.01 - EP US)

Citation (applicant)  
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Citation (search report)

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Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**EP 1543962 A1 20050622**; **EP 1543962 B1 20061129**; DE 50305866 D1 20070111; US 2005132910 A1 20050623

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**EP 03029386 A 20031219**; DE 50305866 T 20031219; US 99967404 A 20041130